D-PROTECTOR

External Affairs and
International Trade Canada

Canada

How to use this directory

The search for environmental products and services can often be a time-consuming task. However, this directory has been designed to allow the reader to identify easily those companies that are of interest. The directory has been indexed in two ways:

Company profiles

This section includes the company information in alphabetical order by company name, products, services profiles, address and the company official to contact.

Product and service categories croos-index

This section identifies all the product and service reference categories and lists the companies that manufacture products and/or provide services within each of the categories.

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For further information

For further information about the companies, products and services profiled in this directory, please feel free to:

- contact the company directly
- contact the Canadian Trade Commissioner of the nearest Canadian embassy or consulate;
- contact an International Trade Centre (listed below); or
- write to one of the following:

U.S. Trade, Tourism and Investment Development Bureau
External Affairs and International Trade Canada
125 Sussex Drive
Ottawa, Ontario
Canada, K1A 0G2

Environment Industries-Division
Industry,Science and Technology Canada
235 Queen Street
Ottawa, Ontario
Canada, K1A 0H5

United States of America

Washington
Canadian Embassy
Street Address:
501 Pennsylvania Avenue, N.W.
Washington, D.C. 20001,
U.S.A.

Mailing Address: (same as above)

Tel: (202) 682-1740
Telex: 0089664 (DOMCAN A WSH)
Fax: (202) 682-7726

Mr. David G. Ryan
Minister-Counsellor (Commercial)
Mr. Peter Drabble
First Secretary (Commercial)

Atlanta
Canadian Consulate General
Street address:
Suite 400 South Tower,
One CNN Center,
Atlanta, Georgia 30303-2705,
U.S.A.

Mailing Address: (same as above)

Tel: (404) 577-6810
Telex: 054-3197 (DOMCAN ATL)
Fax: (404) 524-5046

92-04786/

Mr. Douglas I. Ditto
Deputy Consul General and
Senior Trade Commissioner

Mr. John F. Alexander
Commercial Officer

Boston
Canadian Consulate General
Street Address:
Three Copley Place, Suite 400
Boston, Massaschusetts 02116,
U.S.A.

Mailing Address: (same as above)

Tel: (617) 262-3760
Telex: 94-0625 (DOMCAN BSN)
Fax: (617) 262-3415

Mr. Terence W. Colfer
Deputy Consul General and
Senior Trade Commissioner

Mr. Martin Robichaud
Commercial Officer

Buffalo
Canadian Consulate

Street Address:
One Marine Midland Center
Suite 3150
Buffalo, New York 14203-2884,
U.S.A.

Mailing Address: (same as above)

Tel: (716) 852-1247
Telex: Easylink 62014371
(DOMCAN BUF)
Fax: (716) 852-4340

Mr. Carl A. Rockburne
Consul and Trade Commissioner

Mr. Jay Mileham
Commercial Officer

Chicago
Canadian Consulate General
Street Address:
Two Prudential Plaza
180 N. Stetson Avenue, Suite 2400
Chicago, Illinois 60601, U.S.A.

Mailing Address: (same as above)

Tel: (312) 616-1860
Telex: 00254171 (DOMCAN CGO)
Fax: (312) 616-1877

Mr. Gaétan Bruneau
Deputy Consul General and
Senior Trade Commissioner

Mr. Mathew Share
Commercial Officer

Cleveland
Canadian Consulate
Street Address:
Illuminating Building
Suite 1008
55 Public Square
Celveland, Ohio 44113-1982,
U.S.A.

Mailing Address: (same as above)

Tel: (216) 771-0150
Telex: 00985364 (DOMCAN CLV)
Fax: (216) 771-1688

Mr. Michael G. Virr
Consul and Trade Commissioner

Mr. jacques H. Desjardins
Consul and Trade Commissioner
(Resident in Cincinnati, Ohio)

Mr. Ronald J. McLeod
Consul and Trade Commissioner
(Resident in Pittsburgh, Pa.)

Dallas
Canadian Consulate General
Street Address:
St.Paul Place, Suite 1700
750 N. St.Paul Street
Dallas, Texas 75201-3281
U.S.A. (Registered Mail);
75201-9990 (Business Reply)

Mailing Address: (same as above)

Tel: (214) 922-9806
Telex: 00732637 (DOMCAN DAL)
Fax: (214) 922-9815

Mr. James S.A. Sotvedt
Consul and Senior Trade Commissioner

Mr. André Benoît
Consul and Trade Commissioner
(Resident in Houston, Tex.)

Detroit
Canadian Consulate General
Street Address:
600 Renaissance Center, Suite 1100
Detroit, Michigan 48243-1798, U.S.A.

Mailing Address: (same as above)

Tel: (313) 567-2085
Telex: 23-0715 (DOMCAN DET)
Fax: (313) 567-2164

Mr. N. Della Valle
Consul and Senior Trade Commissioner

Los Angeles
Canadian Consulate General
Street Address:
300 South Grand Avenue, 10th Floor
California Plaza
Los Angeles, California 90071, U.S.A.

Mailing Address: (same as above)

Tel: (213) 687-7432
Telex: 00674657 (DOMCAN LSA)
Fax: (213) 620-8827

Mr. Doug Paterson
Consul and Trade Commissioner

Mr. Michael Pascal
Commercial Officer

Minneapolis
Canadian Consulate General

Street Address:
Suite 900, 701 Fourth Avenue South
Minneapolis, Minnesota 55415-1899, U.S.A.

Mailing Address: (same as above)

Tel: (612) 333-4641
Telex: 29-0229 (DOMCAN MPS)
Fax: (612) 332-4061

Mr. James E. Graham
Consul and Senior Trade Commissioner

Mr. W. James Bonthron
Consul and Trade Commissioner

New York
Canadian Consulate General
Street Address:
1251 Avenue of the Americas
New York City, New York 10020-1175, U.S.A.

Mailing Address: (same as above)

Tel: (212) 768-2400
Telex: 62014481 (DOMCAN NY)
Fax: 9212) 768-2440

Mr. Arthur D. McArthur
Deputy Consul General

Mr. Donald L. Russell
Commercial Officer

San Francisco
Canadian Consulate General
Street Address:
50 Fremont Street, Suite 2100
San Francisco, California 94105, U.S.A.

Mailing Address: (same as above)

Tel: (415) 495-6021
Telex: 0034321 (DOMCAN SFO) or Easylink 62014485
Fax: (415) 541-7708

Mr. K. David McNamara
Consul and Senior Trade Commissioner

Mr. Mark J. Ritchie
Commercial Officer

Seattle
Canadian Consulate General
Street Address:
412 Plaza 600
Sixth and Stewart Streets
Seattle, Washington 98101-1286,
U.S.A.

Mailing Address: (same as above)

Tel: (206) 443-1777
Telex: 032-8762 (DOMCAN SEA)/
Easylink 62014458
Fax: (206) 443-1782

Mr. Paul C. Hubbard
Consul and Senior Trade
Commissioner

Ms. M. Jane Hardessen
Marketing Officer

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Absorbents

Aqua Guard Technologies Inc
Bennett Environmental Consultants Ltd
Bennett Remediation Services Ltd
Custom Environmental Services Ltd
Enviro-Test Laboratories
Hydro-Québec LTÉE.
Oak Environmental Equipment Supply Ltd.
R.B.H Cybernetics Ltd

Absorbers, Gases Piping

Alco Gas & Oil Production Equipment Ltd.
Circul-Aire Inc
Enviro-Test Laboratories
Reinforced Plastics Systems Inc.

Absorbers, Liquid Piping

Alco Gas & Oil Production Equipment Ltd
Enviro-Test Laboratories
Reinforced Plastics Systems Inc.

Acid Mine Drainage Services

Lawrence, Marchant Ltd.

Acid Rain Samplers

Metacor
Technology Transfer and Licensing Office

Activated Carbon/Treatment Systems

3-L Filters Ltd
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Custom Environmental Services Ltd
Ecodyne Ltd
ERM Canada Inc
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International Water-Guard Industries Inc
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Adsorbers

Alco Gas & Oil Production Equipment Ltd
Custom Environmental Services Ltd
Wastewater Technology Centre

Aerators

Aer-O-Flo Environmental Inc
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Air Pollution Control

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Scepter Manufacturing Co. Ltd
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Biological Wastewater Nutrient Treatment

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Blenders

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Patterson Industries (Canada) Ltd
Ultra Pac

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Environmental Inc.
Ramsay Machine Works Ltd.

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M.W. Metal Spinning & Stamping
Northridge International
(Canada) Ltd.
Radiant Design and Supply
Ramsay Machine Works Ltd.
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Technology Transfer and Licensing Office

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Scintrex Ltd
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Clothing, Protective

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M.R.2- McDonald & Associates
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Monenco Maritimes Limited
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Norland Science &
Engineering Ltd.
Northridge International
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Nova Scotia Research Foundation
Corporation
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O'Connor Associates
Environmental Inc.
OPIM Consultants Inc.
Ortech International
Pegasus Consulting Group, The
Petwa International Inc.
PFL Offshore & Arctic
Technology Inc.
Philip Environmental
Piteau Associates Engineering Ltd.
P. Lane and Associates Limited
Point Four Systems Inc.
Pollutech Environmental Ltd.
Prairie Biological Research Ltd.
Pulsearch Consolidated
Technology
Quadra Planning Consultants Ltd.
R.J. Brimo Enterprises Ltd.
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Reid, Collins Nurseries Limited
Reid Crowther International Ltd.
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Irwin Inc.
RPC
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Senes Consultants Ltd
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Group Limited
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Engineering Ltd.
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Stothert-Christenson
Engineering Ltd.
Stothert Engineering Ltd.
Stothert Management Ltd.
Sutherland-Schultz Limited
Tandem Engineering and Man-
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Technology Resource Inc.
Technology Transfer and
Licensing Office
Terracon Geotechnique Ltd.
Third Wave Engineering Inc.
Thyssen Canada Ltd.
Trident International Inc.
Trow Consulting Engineers Ltd.
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Water Resource Consultants Ltd.
Western Canada Hydraulic
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Services Ltd.
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Consulting Services, Acid Rock Drainage

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Reid, Collins and Associates

Consulting Services, Geological and Petroleum Engineering

Sproule Associates Ltd.

Consulting Services, Management

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Consulting Services, Pulp and Paper

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Great Western Containers Inc.
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Ramsay Machine Works Ltd.
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Covers, Tank and Pond

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M.W. Metal Spinning & Stamping
Mobius Plus
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Robert Mitchell Inc.
Versatech Inc.

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Quick as a Wink Waste Disposal Systems Ltd.

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Data Acquisition/Processing

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Artic Sciences Ltd
ASW Computer Systems Ltd
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Bailey Canada Inc
Baird & Associates
Basic Technologies Corp
Boundary Layer Wind Tunnel Laboratory
CB Research International Corp
Control Microsystems
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Custom Environmental Services Ltd
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Enviro-Test Laboratories
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Gartner Lee Limited
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Hatfield Consultants Ltd
Industrial Forestry Service Ltd.
Industrial Measurements Ltd
INRS-EAU
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Willowglen Systems Ltd

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AECL Research
Agglo Recovery Inc
Alberta Research Council
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Bennett Environmental Consultants Ltd
Bennett Remediation Services Ltd
Bennett Remediation Technologies Ltd
Boojum Research Ltd
Ceda-Reactor Ltd
Consolidated Environmental Technologies
Custom Environmental Services Ltd
Enviro Desorption Inc.
ERM Canada Inc
Eurocan Waste Management Services Ltd.
Hardy BBT Limited
Nutech Energy Systems Inc.
P. Lane and Associates Limited
Prairie Biological Research Ltd.
Wastewater Technology Centre

Detectors

AECL Research
Analygas Systems Division of Inspectech Analygas Group Inc
Droycon Bioconcepts Inc.
Enviro-Test Laboratories
G.A. Borstad Associates Ltd.
Knudsen Engineering Ltd
Maritime Scientific Services Ltd.
Markland Specialty Engineering
Northridge International (Canada) Ltd.
Russell Technologies Inc.

Detectors, Gas

Quatrosense Environmental Ltd.
Syprotec Inc.

Disposal Services

3-L Filters Ltd
AECL Research
Aqua Guard Technologies Inc
Bennett Environmental Consultants Ltd
Bennett Remediation Services Ltd
Bennett Remediation Technologies Ltd
Bovar Environmental Services
Buckham Transport
Ceda-Reactor Ltd
Consolidated Environmental Technologies
Custom Environmental Services Ltd
Dual Removal Systems Ltd
Enviro Desorption Inc.
Enviro-Test Laboratories
Extech Environmental Services
Great Western Containers Inc.
Groupe Serrener Inc.
MCC Industrial Services Ltd.
Metal Recovery Industries Inc.
Nova Environmental Systems Inc.
Numet Engineering Ltd
Philip Environmental
P. Lane and Associates Limited
Quick as a Wink Waste Disposal Systems Ltd.
Technology Transfer and Licensing Office
WCI Wood Conversion Inc.

Distillation

Cemcorp Ltd
International Water-Guard Industries Inc
Patterson Industries (Canada) Ltd
R.J. Brimo Enterprises Ltd.
Sanivan Group Inc.
Technology Transfer and Licensing Office

Dosimeters

Drilling Equipment/Services

Beck Drilling and Environmental Services
Chemco Oilfield Services Ltd
Deep Shaft Technology Inc
ERM Canada Inc
Footage Tools
Hardy BBT Limited
Northridge International (Canada) Ltd.
Sci-Tec Instruments Inc
Steel Fabricating & Welding Co. Inc.
Technology Transfer and Licensing Office

Dryers

A.E.D. Manufacturing and Mechanical Installations Ltd
Arthur S. Leitch Company Ltd
Cemcorp Ltd
D.G. Malcom & Associates Inc
Lambert-Somec Inc.
Metacor
Petwa International Inc.
Pyradia Inc
Ramsay Machine Works Ltd.

Ear Protectors

Enviro-Test Laboratories
Hydro-Québec LTÉE

Effluent Bio-Assays

Prairie Biological Research Ltd.

Electric Motor Drive Systems

SAF Drive Systems

Electrodes Electronic Charts

Offshore Systems Ltd.

Emergency Response Equipment

Aqua Guard Technologies Inc
Beck Drilling and Environmental Services
Bennett Environmental Consultants Ltd
Bennett Remediation Services Ltd
Bennett Remediation Technologies Ltd
Ceda-Reactor Ltd
Custom Environmental Services Ltd
G.A. Borstad Associates Ltd.
Hosehandlers International Inc.
Oceanroutes Seimac
Sciex
Technology Transfer and Licensing Office
Versatech Inc.

Emergency Response Services

Consolidated Environmental Technologies
Philip Environmental

Enclosures

ERM Canada Inc
Evans Consoles Inc
J.P. Environmental Products Inc
McCarthy Robinson Inc.
Ramsay Machine Works Ltd.
Robert Mitchell Inc.
Vibron Inc

Energy Management Systems

Energy Control Inc

Energy Recovery

Daigle Consultants-Combustion Inc.
Energy Pathways Inc.

Environmental Audits/Assessments

ADS Environnement ltée.
AECL Research
Agglo Recovery Inc
Agra Industries Ltd.
Alberta Special Waste Management Corp
Angus Environmental Ltd
Areco Canada Inc
Artic Sciences Ltd
Atlantic Nuclear Services Ltd.
Atria Engineering Hydraulics Inc
B.H. Levelton & Associates Ltd
Baird & Associates
Barron Kennedy Lyzun & Associates
BC Hydro International Ltd
Bechtel Canada Inc
Bennett Environmental Consultants Ltd
Bennett Remediation Services Ltd
Boojum Research Ltd
Bovar Environmental Services
Brinkman & Associates
Reforestation Ltd
Buckham Transport
Canadian Eagle Recyclers
Canatom Inc
Canpolar Inc
Canukr Development Corp
C.A.R.E. International Ltd.
Cashion Associates
Catherine Berris Associates Inc
Ceda-Reactor Ltd
CEF Consultants Ltd.
Cemcorp Ltd
Church & Trought Inc
Clifton Associates Ltd.
Connor Development Services Ltd
Consolidated Environmental Technologies
Crippen Consultants
CSSA Consultants Ltée
Custom Environmental Services Ltd
D.G. Malcom & Associates Inc
DF Dickins Associates Ltd
David Bromley Engineering (1983) Ltd.
EBA Engineering Consultants Ltd
E.D.A. Collaborative Inc
E.H. Hanson & Associates Ltd
Enviroservices Inc.
Environmental and Social Analysts Ltd.
Enviro-Test Laboratories
ERM Canada Inc
F.J. Reinders and Associates Canada Ltd.
Fluor Daniel Wright
Fraser & Beatty, Barristers & Solicitors
G.A. Borstad Associates Ltd.
Gartner Lee Limited

Geobac Technology Group Inc.
Geo-Engineering (M.S.T.) Ltd.
Groupe Serrener Inc.
H.A. Simons Ltd.
Hallam Knight Piésold Ltd.
Hardy BBT Limited
Hatch Associates Ltd
Hatfield Consultants Ltd
Henderson, Paddon Environmental Inc
Hornal Consultants Ltd.
I.D. Systems Ltd
Industrial Filter Fabrics Ltd
Industrial Forestry Service Ltd.
Jacques Whitford Environment Ltd
KBL Land Use Consulting Ltd
Kilborn Inc
Klohn Leonoff Ltd.
Komex International
L.H. Schwindt & Co. Ltd.
Lawrence, Marchant Ltd.
LGL Limited
Lavalin Environnement Inc.
M.M. Dillon Limited
M.R.2- McDonald & Associates
MacDonald Dettwiler
McGregor Geoscience Limited
McLeay Associates Ltd.
Marshall, Macklin, Monaghan Limited
Monenco Consultants Limited
Monenco Maritimes Limited
NLK-Celpap Canada (Montreal) Inc.
Norecol Environmental Consultants Ltd.
Nova Environmental Systems Inc.
Nova Scotia Research Foundation Corporation
O'Connor Associates Environmental Inc.
OPIM Consultants Inc.
Ortech International
Pegasus Consulting Group,
ThePFL Offshore & Arctic Technology Inc.
Philip Environmental
P. Lane and Associates Limited
Pollutech Environmental Ltd.
Prairie Biological Research Ltd.
Quadra Planning Consultants Ltd.
R.J. Brimo Enterprises Ltd.
R.V. Anderson Associates Limited
Reid Crowther International Ltd.
Rescan Environmental Services Ltd.
Resource Systems Management International Inc
Schultz Internationcl Limited
Senes Consultants Ltd
Sentar Consultants Ltd.
Simcoe Engineering Group Limited
SRD Sustainable Resources Development Inc
Stanley Associates Engineering Ltd.
Stanley Industrial Consultants Ltd.
Steffen Robertson and Kirsten (B.C.) Inc.
Stothert-Christenson Engineering Ltd.
Stothert Engineering Ltd.
Stone & Webster Canada Ltd.
Tandem Engineering and Management Consultants Inc.
Technology Resource Inc.
Technology Transfer and Licensing Office
The Institute of Environmental Research
Third Wave Engineering Inc.
Thyssen Canada Ltd.
Trident International Inc.
Trow Consulting Engineers Ltd.
Unies Ltd.
Vaughan Engineering Associates Ltd
Vibron Ltd
W.E.R. Engineering Ltd.
W.L. Puckering Consulting Ltd.
Wardrop Engineering Inc.
Washburn & Gillis Associates Ltd.
Waste Stream Management
Wastewater Technology Centre
Water Resource Consultants Ltd.
Western Oilfield Environmental Services Ltd.

Environmental Engineering and Construction

ADS Environnement ltée.

Extended Plastics Sheet

Agra Recycling

Fabric Filters

Cantech Environmental Systems Inc
Filtration Textiles Inc
Kraemer Tool and Manufacturing Co. Ltd.
Oak Environmental Equipment Supply Ltd.
Technology Transfer and Licensing Office

Fans

A.E.D. Manufacturing and Mechanical Installations Ltd
Cantech Environmental Systems Inc
Kraemer Tool and Manufacturing Co. Ltd.
M.W. Metal Spinning & Stamping
O'Connor Associates Environmental Inc.
Ramsay Machine Works Ltd.
Ultra Pac

Filter Systems

3-L Filters Ltd
Aer-O-Flo Environmental Inc
Alco Gas & Oil Production Equipment Ltd
Arlat Inc
Arthur S. Leitch Company Ltd
Bionaire Inc.
Cimatec Engineering Inc
Circul-Aire Inc
CMS Rotordisk Inc
Culligan (West Toronto) Ltd
Ecodyne Ltd
Enviroguard Products Ltd
Enviro-Test Laboratories
ERM Canada Inc
Filtration Textiles Inc
Green Earth Technologies
Industrial Filter Fabrics Ltd
International Water-Guard Industries Inc
J.P. Environmental Products Inc
Kenloch Company
Kraemer Tool and Manufacturing Co. Ltd.
Mag-Chem Inc
McCarthy Robinson Inc.
Metacor
Numet Engineering Ltd
Petwa International Inc.
Pyradia Inc
R.R. McGlogan Equipment Ltd.
Sanivan Group Inc.
Sonitec Inc.
Technology Transfer and Licensing Office
Thyssen Canada Ltd.
Wastewater Technology Centre

Filters

Sonitec Inc.

Financial Services

ADS Environnement ltée.
D.G. Malcom & Associates Inc
Enviro-Test Laboratories
H.A. Simons Ltd.
Hydro-Québec LTÉE.
F.J. Reinders and Associates Canada Ltd.
Stanley Associates Engineering Ltd.
Stothert Management Ltd.

Flocculators

Aer-O-Flo Environmental Inc
Ecodyne Ltd
ERM Canada Inc
Petwa International Inc.
Pollutech Environmental Ltd.
Zenon Environmental Inc.

Flotation Systems

Aer-O-Flo Environmental Inc
Alco Gas & Oil Production Equipment Ltd
Broer Services Ltd
ERM Canada Inc
M.W. Metal Spinning & Stamping
Meteocean Data Systems Ltd
Petwa International Inc.
Pollutech Environmental Ltd.
Ramsay Machine Works Ltd.

Flowmeters

Aer-O-Flo Environmental Inc
Arjay Engineering Ltd
Artic Sciences Ltd
Bailey Canada Inc
Enviro-Test Laboratories
Milltronics
Press Industries
Thyssen Canada Ltd.

Foundry

Penticton Foundry Ltd.

Fusion Tools Footage Tools

Gas Plants, Portable
I.P. Constructors Ltd.

Gas/Liquid/Solid Separation Equipment

I.P. Constructors Ltd.

Geographic Information Systems Software

Geovision Corporation
Intera Tydac Technologies Inc

Geophysical Services

McElhanney Group Ltd., The
multiVIEW Geoservices Inc.

Geophysical Equipment

Sensors & Software Inc.

Geotechnical Studies

National Boring and Sounding Inc.

Geotextiles

ADS Environnement ltée.
EBA Engineering Consultants Ltd
Gartner Lee Limited
Geo-Engineering (M.S.T.) Ltd.
Oak Environmental Equipment Supply Ltd.
Technology Transfer and Licensing Office

Grounding Avoidance Systems

Offshore Systems Ltd.

Groundwater Exploration & Development

ERM Canada Inc

Groundwater Monitors

Clifton Associates Ltd.
Control Microsystems
Droycon Bioconcepts Inc.
ERM Canada Inc
Gartner Lee Limited
Glegg Water Conditioning Inc.
Hardy BBT Limited
Industrial Measurements Ltd
International Water-Guard Industries Inc
Jacques Whitford Environment Ltd
L.H. Schwindt & Co. Ltd.
M.M. Dillon Limited
Norecol Environmental Consultants Ltd.
O'Connor Associates
Environmental Inc.
Pylon Atlantic Inc.
Sentar Consultants Ltd.
Solinst Canada Ltd.
Technology Transfer and Licensing Office
Wardrop Engineering Inc.

Groundwater Treatment

Alan A. Smith Inc
Aqua Guard Technologies Inc
Beck Drilling and Environmental Services
Bennett Environmental Consultants Ltd
Bennett Remediation Services Ltd
Bovar Environmental Services
Canukr Development Corp
C.A.R.E. International Ltd.
CMS Rotordisk Inc
Droycon Bioconcepts Inc.
Eurocan Waste Management Services Ltd.
ERM Canada Inc
Gartner Lee Limited
Groupe Serrener Inc.
Hardy BBT Limited
Klohn Leonoff Ltd.
Lawrence, Marchant Ltd.
Norecol Environmental Consultants Ltd.
Nutech Energy Systems Inc.
P. Lane and Associates Limited
Pollutech Environmental Ltd.
Rescan Environmental Services Ltd.
SciCorp Systems Inc.
Sentar Consultants Ltd.
Steffen Robertson and Kirsten (B.C.) Inc.
Sutherland-Schultz Limited
Technology Resource Inc.
Technology Transfer and Licensing Office
Temprite Industries Limited
Third Wave Engineering Inc.
Thyssen Canada Ltd.
Trident International Inc.
Wardrop Engineering Inc.
Wastewater Technology Centre
Zenon Environmental Inc.

Handling Equipment

Agglo Recovery Inc
A.E.D. Manufacturing and Mechanical Installations Ltd
Built-Rite Disposal Equipment Ltd
Broer Services Ltd
Ceda-Reactor Ltd
Environmental Services Ltd.
Hosehandlers International Inc.
Multipac Waste Handling Systems Inc
Ramsay Machine Works Ltd.
Robert Mitchell Inc.
Ultra Pac

Hazardous Materials Management and Services

Alberta Research Council
Aqua Guard Technologies Inc
Atlantic Nuclear Services Ltd.
Bechtel Canada Inc
Bennett Environmental Consultants Ltd
Bennett Remediation Services Ltd
Bennett Remediation Technologies Ltd
Bovar Environmental Services
Buckham Transport

Ceda-Reactor Ltd
Consolidated Environmental Technologies
Custom Environmental Services Ltd.
D.G. Malcom & Associates Inc
Danatec Educational Services Ltd
David Bromley Engineering (1983) Ltd.
Energy Pathways Inc.
Enviro Desorption Inc.
Eurocan Waste Management Services Ltd.
Extech Environmental Services Inc
Fluor Daniel Wright
Groupe Serrener Inc.
Hardy BBT Limited
Hydro-Québec LTÉE.
Jacques Whitford Environment Ltd
KBL Land Use Consulting Ltd
Lavalin Environnement Inc.
M.M. Dillon Limited
MCC Industrial Services Ltd.
Norecol Environmental Consultants Ltd.
Nova Scotia Research Foundation Corporation
O'Connor Associates Environmental Inc.
Philip Environmental
P. Lane and Associates Limited
R.R. McGlogan Equipment Ltd.
RPC
Sanivan Group Inc.
Senes Consultants Ltd
Services sanitaires Blainville inc.
Technology Resource Inc.
Technology Transfer and Licensing Office
Vaughan Engineering Associates Ltd
WCI Wood Conversion Inc.

Heat Exchangers/Energy Recovery

ADI Ltd
Alco Gas & Oil Production Equipment Ltd
Arthur S. Leitch Company Ltd
Bennett Environmental Consultants Ltd
Bennett Remediation Technologies Ltd
Cemcorp Ltd
Circul-Aire Inc
Environment Air
Enviro-Test Laboratories
McCarthy Robinson Inc.
Metacor
Northridge International (Canada) Ltd.
P. Lane and Associates Limited
Patterson Industries (Canada) Ltd
Racan Industries Inc.
Ramsay Machine Works Ltd.
Robert Mitchell Inc.
Sutherland-Schultz Limited
Technology Transfer and Licensing Office
Temprite Industries Limited
Thyssen Canada Ltd.
Venmar Ventilation Inc

High-Tech Surveying and Integrated Systems

Nortech Surveys (Canada) Inc.

Home Compressor for Refuelling Natural Gas Vehicles

FuelMaker Corporation

Hose and Cable Support

Hosehandlers International Inc.

Hydraulic Modelling & Research

Western Canada Hydraulic Laboratories Ltd.

Hydrocarbon Process Equipment

I.P. Constructors Ltd.

Hydrogeological Instrumentation

Solinst Canada Ltd.

Hydrogeological Surveys

National Boring and Sounding Inc.

Hydrographic Charting

McElhanney Group Ltd., The

Incinerators, Fume

A.E.D. Manufacturing and Mechanical Installations Ltd
Bovar Environmental Services
Consolidated Environmental Technologies
Fluor Daniel Wright
Green Earth Technologies
K.G. Wardstrom Industrial Gas
P. Lane and Associates Limited
Ramsay Machine Works Ltd.
Temprite Industries Limited
Trecan Combustion Ltd

Incinerators, Liquids

A.E.D. Manufacturing and Mechanical Installations Ltd
Aqua Guard Technologies Inc
Bennett Environmental Consultants Ltd
Bennett Remediation Services Ltd

Bennett Remediation
Technologies Ltd
Consolidated Environmental
Technologies
Fluor Daniel Wright
K.G. Wardstrom Industrial Gas
Ramsay Machine Works Ltd.
Trecan Combustion Ltd

Incinerators, Waste

A.E.D. Manufacturing and Mechanical Installations Ltd
Aqua Guard Technologies Inc
Bennett Environmental Consultants Ltd
Bennett Remediation Services Ltd
Bennett Remediation
Technologies Ltd
CEF Consultants Ltd.
Daigle Consultants-Combustion Inc.
Enviro Desorption Inc.
Fluor Daniel Wright
Green Earth Technologies
K.G. Wardstorm Industrial Gas
Metacor
Ortech International
P. Lane and Associates Limited
Ramsay Machine Works Ltd.
Robert Mitchell Inc.
Sanivan Group Inc.
Technology Transfer and Licensing Office
Thyssen Canada Ltd.
Trecan Combustion Ltd

Independent Inspection

Canspect Corporation
Industrial Hygiene
B.H. Levelton & Associates Ltd
Consolidated Environmental
Technologies
Hardy BBT Limited
Hatch Associates Ltd
Hydro-Québec LTÉE.
Pollutech Environmental Ltd.
Rescan Environmental
Services Ltd.
Senes Consultants Ltd

Information Management Systems

Valmet Automation (Canada) Ltd.

Infrastructure Design

McElhanney Group Ltd., The

Inspection, Materials

National Boring and Sounding Inc.

Inspection, Soil

National Boring and Sounding Inc.

Instrumentation Systems

ADI Ltd
Applied Microsystems Ltd
ASW Computer Systems Ltd
Bailey Canada Inc
Hardy BBT Limited
Meteocean Data Systems Ltd
Northridge International
(Canada) Ltd.
PFL Offshore & Arctic
Technology Inc.
Sky Council
Sutherland-Schultz Limited
Technology Transfer and
Licensing Office
Willowglen Systems Ltd

Insurance

Ion Exchangers

Culligan (West Toronto) Ltd
Ecodyne Ltd
Glegg Water Conditioning Inc.
International Water-Guard Industries Inc
Mag-Chem Inc
Petwa International Inc.
Robert Mitchell Inc.

Labels/Marking Systems

Enviro-Test Laboratories
Hydro-Québec LTÉE.
Ultra Pac

Laboratories, Testing/Mobile and Fixed

Aqua Data Inc
Areco Canada Inc
CB Research International Corp
Ceda-Reactor Ltd
CSSA Consultants Ltée.
EBA Engineering Consultants Ltd
Elemental Research Inc
Enviroservices Inc
Enviro-Test Laboratories
Groupe Serrener Inc.
Guildline Instruments Ltd
Industries Fournier inc., Les
Lawrence, Marchant Ltd.
McLeay Associates Ltd.
Nova Environmental Systems Inc.
Petwa International Inc.
Philip Environmental
P. Lane and Associates Limited
Pollutech Environmental Ltd.
Sciex
Springborn Laboratories
Stelem Inc

Technology Transfer and Licensing Office

Lab Scale Systems for Settling of Suspender Fines
Zeton Inc

Labware

Land Fill Gas Processing & Utilization
Environmental Technologies Inc

Laser Radar

Sky Council

Laundry Detergent

Savant Manufacturing Limited

Leachate Treatment

CMS Rotordisk Inc
Groupe Serrener Inc.

Leak Detectors/Prevention

Aim Safety Company
Analygas Systems Division of Inspectech Analygas Group Inc
Arjay Engineering Ltd
Aqua Data Inc
Bailey Canada Inc
Boundary Layer Wind Tunnel Laboratory
Custom Environmental Services Ltd.
Enviroservices Inc
ERM Canada Inc
Footage Tools
Hardy BBT Limited
Hosehandlers International Inc.
Nowsco Oil Well Service Ltd.
O'Connor Associates
Environmental Inc.
Optech Incorporated
P. Lane and Associates Limited

Leasing Services

ADS Environnement ltée.
Aqua Guard Technologies Inc
Bennett Environmental Consultants Ltd
Bennett Remediation Services Ltd
Bennett Remediation Technologies Ltd
Enviroservices Inc.
Enviro-Test Laboratories
Hydro-Québec LTÉE.
Petwa International Inc.
Sanivan Group Inc.

Legal Services

Fraser & Beatty, Barristers & Solicitors

Level Monitors

Bailey Canada Inc
ERM Canada inc
Komex International
Markland Specialty Engineering
Milltronics
Optech Incorporated
Optech Systems Corporation
Optech Incorporated
Solinst Canada Ltd.
Technology Transfer and Licensing Office

Lidar

Sky Council

Liners, Landfills, Ponds, Pits

ADI Ltd
Columbia Geosystems Ltd
E.H. Hanson & Associates Ltd
EBA Engineering Consultants Ltd
ERM Canada Inc
F.J. Reinders and Associates Canada Ltd.
Gartner Lee Limited
Geo-Engineering (M.S.T.) Ltd.
Hardy BBT Limited
Jacques Whitford Environment Ltd
Komex International
Technology Transfer and Licensing Office
Versatech Inc.

Magazine for Environmental Professional

Davcom Communications Inc

Medical Services

ADS Environnement ltée.
Enviro-Test Laboratories
Hydro-Québec LTÉE.

Meteorological Instrumentation

Array Systems Computing Inc
Boundary Layer Wind Tunnel Laboratory
Bovar Environmental Services
ERM Canada Inc
Intelcan Technosystems Inc
MacDonald Dettwiler
Meteocean Data Systems Ltd
Oceanroutes Seimac
Optech Incorporated
PFL Offshore & Arctic Technology Inc.
Sci-Tec Instruments Inc

Meters

Arjay Engineering Ltd
Bailey Canada Inc
Guildline Instruments Ltd
M.M. Dillon Limited
Mag-Chem Inc
Markland Specialty Engineering
Northridge International (Canada) Ltd.
Press Industries
Russell Technologies Inc.
Sur-Flo Meters and Controls Ltd.

Mine Waste

Lawrence, Marchant Ltd.

Mixers

Arlat Inc
Charland Thermojet Inc
Grand Falls Industries Ltd.
Mag-Chem Inc
Northridge International (Canada) Ltd.
Patterson Industries (Canada) Ltd
Ramsay Machine Works Ltd.
Urban Systems Ltd.

Modular Electronic Equipment

Evans Consoles Inc

Monitors, Air

Analygas Systems Division of Inspectech Analygas Group Inc
Enviro-Test Laboratories
ERM Canada Inc
Fluor Daniel Wright
Oceanroutes Seimac
P. Lane and Associates Limited
Pollutech Environmental Ltd.
Rescan Environmental S ervices Ltd.
Sky Council
Technology Transfer and Licensing Office
Thyssen Canada Ltd.

Monitors, Gases

Aim Safety Company Inc
Analygas Systems Division of Inspectech Analygas Group Inc
Enviro-Test Laboratories
Optech Incorporated
P. Lane and Associates Limited
Petwa International Inc.
Quatrosense Environmental Ltd.
Rescan Environmental Services Ltd.
Sur-Flo Meters and Controls Ltd.
Technology Transfer and Licensing Office
Thyssen Canada Ltd.
Western Research / Bovar

Monitors, Liquids

Aer-O-Flo Environmental Inc
Arjay Engineering Ltd
Claritek Instruments Ltd
Enviro-Test Laboratories
Guildline Instruments Ltd
Oceanroutes Seimac
Pollutech Environmental Ltd.
Rescan Environmental Services Ltd.
Sci-Tec Instruments Inc
Sur-Flo Meters and Controls Ltd.
Technology Transfer and Licensing Office
Thyssen Canada Ltd.

Multi-Disciplinary Services

F.J. Reinders and Associates Canada Ltd.

Natural Gas Vehicle Refuelling Stations

Wilson Gas Equipment Ltd.

Natural Resource Management

LGL Limited

Noise Control

Barron Kennedy Lyzun & Associates
Fluor Daniel Wright
Racan Industries Inc.

Non-Chemical Electrostatic Water Treater Device

York Energy Conservation

Ocean Buoys

Metocean Data Systems Ltd

Oceanographic Instruments

Applies Microsystems Ltd
Metocean Data Systems Ltd

Odor Controls

Cimatec Engineering Inc
Circul-Aire Inc
E.H. Hanson & Associates Ltd
Ecolo Odor Control Systems Inc
Groupe Serrener Inc.
Hydro-Québec LTÉE.
Nutech Energy Systems Inc.
Ortech International
Petwa International Inc.
P. Lane and Associates Limited

Pollutech Environmental Ltd.
Sanivan Group Inc.
SciCorp Systems Inc.
Technology Resource Inc.
Temprite Industries Limited
Thyssen Canada Ltd.

Oil Production and Refinery Equipment

I.P. Constructors Ltd.

Oil Skimmers

Alco Gas & Oil Production Equipment Ltd
Aqua Guard Technologies Inc
Bennett Environmental Consultants Ltd
Bennett Remediation Services Ltd
Ceda-Reactor Ltd
Enervac Corporation
Mag-Chem Inc
R.R. McGlogan Equipment Ltd.
Ramsay Machine Works Ltd.
Versatech Inc.

Oil/Water Separators

3-L Filters Ltd
Aer-O-Flo Environmental Inc
Alco Gas & Oil Production Equipment Ltd
Aqua Guard Technologies Inc
Bennett Environmental Consultants Ltd
Bennett Remediation Services Ltd
Ecodyne Ltd
Enervac Corporation
ERM Canada Inc
Groupe Sani-mobile inc.
Lambert-Somec Inc.
Northridge International (Canada) Ltd.
Numet Engineering Ltd
Oak Environmental Equipment Supply Ltd.
O'Connor Associates Environmental Inc.
Philip Environmental
P. Lane and Associates Limited
Presson Manufacturing Ltd.
Versatech Inc.

PCB Treatment/Disposal

Aqua Guard Technologies Inc
BC Hydro International Ltd
Bennett Environmental Consultants Ltd
Bennett Remediation Services Ltd
Bennett Remediation Technologies Ltd
Bovar Environmental Services
C.A.R.E. International Ltd.
Ceda-Reactor Ltd
Consolidated Environmental Technologies
Custom Environmental Services Ltd.
D.G. Malcom & Associates Inc
Enervac Corporation
Enviro-Test Laboratories
Eurocan Waste Management Services Ltd.
Gartner Lee Limited
Groupe Serrener Inc.
Komex International
MCC Industrial Services Ltd.
Nutech Energy Systems Inc.
P. Lane and Associates Limited
Pollutech Environmental Ltd.
Rescan Environmental Services Ltd.
Technology Transfer and Licensing Office
Umatac Industrial Processes

Package Treatment Systems

Aer-O-Flo Environmental Inc
Agglo Recovery Inc
Bioclear Technology Inc
CMS Rotordisk Inc
E.H. Hanson & Associates Ltd
Ecodyne Ltd
Enervac Corporation
ERM Canada Inc
Groupe Serrener Inc.
F.J. Reinders and Associates Canada Ltd.
International Water-Guard Industries Inc
Northridge International (Canada) Ltd.
O'Connor Associates Environmental Inc.
Petwa International Inc.
P. Lane and Associates Limited
Stanco Projects Ltd.
Technology Transfer and Licensing Office
Zeton Inc

Particle Analyzer

Maritime Scientific Services Ltd.

Piercing Tools

Footage Tools

Pilot Plants for Process Research

Zeton Inc

Pipes, Valves, Fittings

Fiberglass Reinforced Plastic Systems
Hosehandlers International Inc.
Hydro-Québec LTÉE.
Industries Fournier inc., Les
Lambert-Somec Inc.
Northridge International (Canada) Ltd.
Reinforced Plastics Systems Inc.
Robert Mitchell Inc.
Royal Pipe Co.
Scepter Manufacturing Co. Ltd
Stelem Inc
Thyssen Canada Ltd.

Plastic Wood

Superwood Western Ltd.

Plating Waste Treatment

Aer-O-Flo Environmental Inc
Agglo Recovery Inc
Cemcorp Ltd
Custom Environmental Services Ltd.
Ecodyne Ltd
Metal Recovery Industries Inc.
Petwa International Inc.
Philip Environmental
P. Lane and Associates Limited
Pollutech Environmental Ltd.
R.J. Brimo Enterprises Ltd.
Ramsay Machine Works Ltd.
Rescan Environmental Services Ltd.
Technology Transfer and Licensing Office

Pollution Abatement Services

ADS Environnement ltée.
ADI Ltd
Aqua Guard Technologies Inc
Bechtel Canada Inc
Bennett Environmental Consultants Ltd
Bennett Remediation Services Ltd
Cemcorp Ltd
Cimatec Engineering Inc
D.G. Malcom & Associates Inc
E.H. Hanson & Associates Ltd
Enviroservices Inc.
Groupe Sani-mobile inc.
H.A. Simons Ltd.
Hipp Engineering Ltd.
M.M. Dillon Limited
McLeay Associates Ltd.
Nova Environmental Systems Inc.
PFL Offshore & Arctic Technology Inc.
Philip Environmental
P. Lane and Associates Limited
R.J. Brimo Enterprises Ltd.
Sanivan Group Inc.
Senes Consultants Ltd
Shawmont Newfoundland Limited
Sutherland-Schultz Limited
System Ecotechnologies Inc.
Tandem Engineering and Management Consultants Inc.
Technology Resource Inc.
Thyssen Canada Ltd.

Positive Seal Dampers

M&I Heat Transfer Products Limited

Power Demand Monitors

Energy Control Inc

Power Supply Services

ADI Ltd
Agra Industries Ltd.
Basic Technologies Corp
Bennett Remediation Technologies Ltd
CEF Consultants Ltd.
Nova Environmental Systems Inc.
Sutherland-Schultz Limited

Precipitators

ERM Canada Inc
Fiberglass Reinforced Plastic Systems
Five Seasons Comfort Limited
Ramsay Machine Works Ltd.
Robert Mitchell Inc.

Project Management Services

D.G. Malcom & Associates Inc
Maxim Engineering Inc.
Shawmont Newfoundland Limited

Protectors for Pump Mechanical Seals

Enviroseal Engineering Ltd

Publications

ADS Environnement ltée.
Alberta Research Council
Alberta Special Waste Management Corp
Angus Environmental Ltd
Connor Development Services Ltd
Danatec Educational Services Ltd
Enviro-Test Laboratories
INRS-EAU

Public Consultants

The Institute Of Environmental Research

Public Works Engineering
Ferguson, Simek, Clark

Pulp and Paper Engineering/Technology
Cowan-Lavalin Inc.
Reid, Collins and Associates

Pumps
Aer-O-Flo Environmental Inc
Arthur S. Leitch Company Ltd
Ceda-Reactor Ltd
Cusco Fabrication Inc
Dresser Pump Division
H. Fontaine Ltée.
Hydro-Québec LTÉE.
Machinerie Rennel Inc.
Neles-Jamesbury Ltd.
Northridge International (Canada) Ltd.
O'Connor Associates Environmental Inc.
R.R. McGlogan Equipment Ltd.
Sanivan Group Inc.
Solinst Canada Ltd.
Thyssen Canada Ltd.
Urban Systems Ltd.

Pumps, Concrete
Machinerie Rennel Inc.

Pump Parts
Abba Parts Division Dracay Management Inc

Pumps, Sludge
Machinerie Rennel Inc.

Radiant Heat
Frenger Canada Inc

Radioactive Material Disposal
Consolidated Environmental Technologies
Gartner Lee Limited
Klohn Leonoff Ltd.
MCC Industrial Services Ltd.
Senes Consultants Ltd

Recorders
Bailey Canada Inc
Intelcan Technosystems Inc
Oceanroutes Seimac

Recycling
ADS Environnement ltée.
Agglo Recovery Inc
Agra Recycling
Airite Environmental Industries Inc
Alberta Research Council
Broer Services Ltd
Canadian Eagle Recyclers
Cashion Associates
C-Max Transportation Equipment
Custom Environmental Services Ltd.
EBA Engineering Consultants Ltd
Eco Wood Products Ltd
Energy Pathways Inc.
Enviro Desorption Inc.
Enviro-Test Laboratories
Great Western Containers Inc.
Green Earth Technologies
Groupe Sani-mobile inc.
Groupe Serrener Inc.
H.A. Simons Ltd.
Hardy BBT Limited
Hipp Engineering Ltd.
Hydro-Québec LTÉE.
Komex International
Leferink Transfer Limited
LH Resource Management Inc.
M.W. Metal Spinning & Stamping
MCC Industrial Services Ltd.
Metacor
Metal Recovery Industries Inc.
Mobius Plus
Multipac Waste Handling Systems Inc
Northside Steel Fabricators Ltd.
Norecol Environmental Consultants Ltd.
Numet Engineering Ltd
Ortech International
Philip Environmental
P. Lane and Associates Limited
Pollutech Environmental Ltd.
Powertech Labs Inc.
R.J. Brimo Enterprises Ltd.
Recycling International
Senes Consultants Ltd
Sentar Consultants Ltd.
Shred-Tech Limited
Solid Waste Systems (1990) Inc.
Superwood Western Ltd.
Technology Transfer and Licensing Office
Thyssen Canada Ltd.
Umatac Industrial Processes
Waste Stream Management
Wastewater Technology Centre
WCI Wood Conversion Inc.

Recycling, Lube Oil
Zimmark Inc.

Recycling, Wood Chips
Wood Waste Solutions Canada Inc

Recycling, Wood Waste

Wood Waste Solutions Canada Inc.

Refractory

A.E.D Manufacturing & Mechanical Inst
Bennett Consultants Ltd
Bennett Remediation Technologies Ltd

Remediation Services

Agglo Recovery Inc
Agra Industries Ltd.
Aqua Data Inc
Aqua Guard Technologies Inc
B.H. Levelton & Associates Ltd
Bacon, Donaldson & Associates Ltd
Beck Drilling and Environmental Services
Bennett Environmental Consultants Ltd
Bennett Remediation Services Ltd
Bovar Environmental Services
CB Research International Corp
Ceda-Reactor Ltd
Consolidated Environmental Technologies
Crippen Consultants
Custom Environmental Services Ltd.
David Bromley Engineering (1983) Ltd.
E.H. Hanson & Associates Ltd
E.V.S. Consultants Ltd
Enviro Desorption Inc.
ERM Canada Inc
F.J. Reinders and Associates Canada Ltd.
Fluor Daniel Wright
Gartner Lee Limited
Geobac Technology Group Inc.
Green Earth Technologies
Groupe Serrener Inc.
Hardy BBT Limited
Jacques Whitford Environment Ltd
KBL Land Use Consulting Ltd
Kilborn Inc
Klohn Leonoff Ltd.
Komex International
Lawrence, Marchant Ltd.
M.M. Dillon Limited
Monenco Consultants Limited
Monenco Maritimes Limited
Numet Engineering Ltd
O'Connor Associates Environmental Inc.
Philip Environmental
P. Lane and Associates Limited
Prairie Biological Research Ltd.
RPC
Senes Consultants Ltd
Sentar Consultants Ltd.
Stelem Inc
Steffen Robertson and Kirsten (B.C.) Inc.
Technology Resource Inc.
Technology Transfer and Licensing Office
Umatac Industrial Processes
Vaughan Engineering Associates Ltd
Wardrop Engineering Inc.
Washburn & Gillis Associates Ltd.
Wastewater Technology Centre

Remote Sensing

DGB Systems Integrators Inc.
Dipix Technologies Inc
Gregory Geoscience Inc.

Rescue Equipment

Hydro-Québec LTÉE.

Research Services

Nawitka Renewable Resource Consultants Ltd.

Respiratory Protection

Ceda-Reactor Ltd
Custom Environmental Services Ltd.
Hydro-Québec LTÉE.

Reverse Osmosis Ultrafiltration

Aquacorp Inc
Culligan (West Toronto) Ltd
Custom Environmental Services Ltd.
Ecodyne Ltd
Gartner Lee Limited
International Water-Guard Industries Inc
Petwa International Inc.
Pollutech Environmental Ltd.
Robert Mitchell Inc.
Seprotech Systems Inc
Sonitec Inc.
Technology Transfer and Licensing Office
Wastewater Technology Centre

Robots/Automated Handling

Hydro-Québec LTÉE.

Samplers

3-L Filters Ltd
Custom Environmental Services Ltd.

Enervac Corporation
ERM Canada Inc
International Water-Guard Industries Inc
Maritime Scientific Services Ltd.
Markland Specialty Engineering
Northridge International (Canada) Ltd.
Numet Engineering Ltd
O'Connor Associates Environmental Inc.
Solinst Canada Ltd.
Technology Transfer and Licensing Office

Scada Systems for Remote Monitoring and Control

Industrial Measurements Ltd

Scales/Weighing Equipment

Milltronics

Screening Equipment

Aer-O-Flo Environmental Inc
Aqua Guard Technologies Inc
Arlat Inc
Bennett Environmental Consultants Ltd
Bennett Remediation Technologies Ltd
Broer Services Ltd
Enviro-Test Laboratories

Scrubbers

A.E.D. Manufacturing and Mechanical Installations ltd
Alco Gas & Oil Production Equipment Ltd
Aqua Guard Technologies Inc
Bennett Environmental Consultants Ltd
Bennett Remediation Technologies Ltd
Diesel Controls Ltd
Engine Control Systems Ltd
Fiberglass Reinforced Plastic Systems
McCarthy Robinson Inc.
Ramsay Machine Works Ltd.
Robert Mitchell Inc.
Technology Transfer and Licensing Office
Thyssen Canada Ltd.

Scrubbers, Piping

Reinforced Plastics Systems Inc.

Sealants

Technology Transfer and Licensing Office

Seed Extractory

Reid, Collins Nurseries Limited

Sensors

Analygas Systems Division of Inspectech Analygas Group Inc
G.A. Borstad Associates Ltd.
Guildline Instruments Ltd
Knudsen Engineering Ltd
MacDonald Dettwiler
Meteocean Data Systems Ltd
Oceanroutes Seimac
Point Four Systems Inc.
Radiant Design and Supply

Separators

3-L Filters Ltd
Aer-O-Flo Environmental Inc
Alco Gas & Oil Production Equipment Ltd
Aqua Guard Technologies Inc
Arlat Inc
Arthur S. Leitch Company Ltd
Beck Drilling and Environmental Services
Bennett Environmental Consultants Ltd
Bennett Remediation Technologies Ltd
Broer Services Ltd
LH Resource Management Inc.
Metacor
Northridge International (Canada) Ltd.
Numet Engineering Ltd
O'Connor Associates Environmental Inc.
Ramsay Machine Works Ltd.
Sanivan Group Inc.
Shred-Tech Limited
Technology Transfer and Licensing Office

Sewage Shredding and Screening Equipment

G.E.T. Industries Inc.

Shredders/Crushers

Aqua Guard Technologies Inc
Bennett Environmental Consultants Ltd
Bennett Remediation Technologies Ltd
Broer Services Ltd
Enviro-Test Laboratories
Ramsay Machine Works Ltd.
Shred-Tech Limited
Waste Stream Management
WCI Wood Conversion Inc.

Silver Recovery Systems

R.J. Brimo Enterprises Ltd.

Simulators

Sacda Inc.

Site Clean-Up Management

Kilborn Inc

Site Inspection

Maxim Engineering Inc.

Sludge Handling/Treatment

ADI Ltd
Aer-O-Flo Environmental Inc
Agglo Recovery Inc
Aqua Guard Technologies Inc
Arlat Inc
Bennett Environmental Consultants Ltd
Bennett Remediation Services Ltd
Bennett Remediation Technologies Ltd
Bioclear Technology Inc
Broer Services Ltd
Ceda-Reactor Ltd
Consolidated Environmental Technologies
D.G. Malcom & Associates Inc
Enviro-Test Laboratories
Eurocan Waste Management Services Ltd.
F.J. Reinders and Associates Canada Ltd.
General Liquid Engineering Inc.
Green Earth Technologies
Groupe Serrener Inc.
H.A. Simons Ltd.
Hardy BBT Limited
Hosehandlers International Inc.
Hydro-Québec LTÉE.
Industries Fournier inc., Les
K.G. Wardstrom Industrial Gas
Kenox Corporation
Klohn Leonoff Ltd.
Komex International
LH Resource Management Inc.
Machinerie Rennel Inc.
Markland Specialty Engineering
MCC Industrial Services Ltd.
P. Lane and Associates Limited
Pollutech Environmental Ltd.
R.R. McGlogan Equipment Ltd.
Ramsay Machine Works Ltd.
Rescan Environmental Services Ltd.
SciCorp Systems Inc.
Stanco Projects Ltd.
Sutherland-Schultz Limited
System Ecotechnologies Inc.
Technology Transfer and Licensing Office
Thyssen Canada Ltd.
Wastewater Technology Centre
Zenon Environmental Inc.

Soil Treatment/Reclamation

ADS Environnement ltée.
Agglo Recovery Inc
Alberta Research Council
Aqua Guard Technologies Inc
Beck Drilling and Environmental Services
Bennett Environmental Consultants Ltd
Bennett Remediation Services Ltd
Bennett Remediation Technologies Ltd
Bovar Environmental Services
Canadian Eagle Recyclers
Consolidated Environmental Technologies
Custom Environmental Services Ltd.
D.G. Malcom & Associates Inc
E.H. Hanson & Associates Ltd
EBA Engineering Consultants Ltd
Enviro Desorption Inc.
Enviro-Test Laboratories
ERM Canada Inc
Eurocan Waste Management Services Ltd.
F.J. Reinders and Associates Canada Ltd.
Fluor Daniel Wright
Geobac Technology Group Inc.
Green Earth Technologies
Groupe Serrener Inc.
Hardy BBT Limited
Jacques Whitford Environment Ltd
K.G. Wardstrom Industrial Gas
Komex International
Monenco Consultants Limited
Oak Environmental Equipment Supply Ltd.
O'Connor Associates Environmental Inc.
Philip Environmental
P. Lane and Associates Limited
Pollutech Environmental Ltd.
Rescan Environmental Services Ltd.
RPC
Sentar Consultants Ltd.
Stanley Industrial Consultants Ltd.
Steffen Robertson and Kirsten (B.C.) Inc.
Technology Resource Inc.
Technology Transfer and Licensing Office

Temprite Industries Limited
Umatac Industrial Processes
Wastewater Technology Centre
Western Oilfield Environmental Services Ltd.

Solar Photovoltaic Power Systems

Intelcan Technosystems Inc

Solid Waste/Treatment Services

ADS Environnement ltée.
Agglo Recovery Inc
Aqua Guard Technologies Inc
Beasy Nicoll Engineering Ltd
Bennett Environmental Consultants Ltd
Bennett Remediation Services Ltd
Bennett Remediation Technologies Ltd
Bioclear Technology Inc
Broer Services Ltd
Buckham Transport
Canadian Eagle Recyclers
Consolidated Environmental Technologies
Crippen Consultants
CMS Rotordisk Inc.
CSSA Consultants Ltée.
D.G Malcom & Associates Inc
E.D.A. Collaborative Inc
E.H. Hanson & Associates Ltd
EBA Engineering Consultants Ltd
Energy Pathways Inc.
Enviro-Test Laboratories
ERM Canada Inc
Eurocan Waste Management Services Ltd.
F.J. Reinders and Associates Canada Ltd.
Gartner Lee Limited
Groupe Serrener Inc.
H.A. Simons Ltd.
Hardy BBT Limited
Hydro-Québec LTÉE.
KBL Land Use Consulting Ltd
Komex International
Laidlaw Inc.
Lawrence, Marchant Ltd.
M.M. Dillon Limited
MCC Industrial Services Ltd.
Mobius Plus
Monenco Consultants Limited
Monenco Maritimes Limited
NLK-Celpap Canada (Montreal) Inc.
O'Connor Associates Environmental Inc.
Ortech International
Philip Environmental
P. Lane and Associates Limited
Pollutech Environmental Ltd.
Rescan Environmental Services Ltd.
SciCorp Systems Inc.
Senes Consultants Ltd
Sentar Consultants Ltd.
Shawmont Newfoundland Limited
Stanley Associates Engineering Ltd.
Stanley Industrial Consultants Ltd.
Steffen Robertson and Kirsten (B.C.) Inc.
Sutherland-Schultz Limited
System Ecotechnologies Inc.
Technology Transfer and Licensing Office
Thyssen Canada Ltd.
Umatac Industrial Processes
Washburn & Gillis Associates Ltd.
Wastewater Technology Centre
Sonor Echosounder
Knudsen Engineering Ltd

Spectrophotometers

G.A. Borstad Associates Ltd.
Sci-Tec Instruments Inc

Spill Cleanup Equipment

3-L Filters Ltd
Alberta Research Council
Aqua Guard Technologies Inc
Beck Drilling and Environmental Services
Bennett Environmental Consultants Ltd
Bennett Remediation Services Ltd
Bennett Remediation Technologies Ltd
Buckham Transport
Ceda-Reactor Ltd
Conair Aviation Ltd
Consolidated Environmental Technologies
Custom Environmental Services Ltd.
Enviro Desorption Inc.
General Liquid Engineering Inc.
Hosehandlers International Inc.
Hydro-Québec LTÉE.
MCC Industrial Services Ltd.
Numet Engineering Ltd
Oceanroutes Seimac
P. Lane and Associates Limited
R.B.H Cybernetics Ltd
Sentar Consultants Ltd.
Technology Transfer and Licensing Office
Tiger-Vac Inc.
Umatac Industrial Processes
Versatech Inc.

Spill Containment

Aqua Guard Technologies Inc
Bennett Environmental Consultants Ltd
Bennett Remediation Services Ltd
Bennett Remediation Technologies Ltd
Ceda-Reactor Ltd
Columbia Geosystems Ltd
Consolidated Environmental Technologies
Custom Environmental Services Ltd.
ERM Canada Inc
Gartner Lee Limited
Hardy BBT Limited
Jacques Whitford Environment
Klohn Leonoff Ltd.
Komex International
MCC Industrial Services Ltd.
Philip Environmental
P. Lane and Associates Limited
Pollutech Environmental Ltd.
Technology Resource Inc.
Technology Transfer and Licensing Office
Versatech Inc.
Volker Stevin Offshore Canada Inc.

Spill Monitors

Aqua Guard Technologies Inc
Bennett Environmental Consultants Ltd
Bennett Remediation Services Ltd
Bennett Remediation Technologies Ltd
ERM Canada Inc
G.A. Borstad Associates Ltd.
Gartner Lee Limited
Jacques Whitford Environment Ltd
PFL Offshore & Arctic Technology Inc.
P. Lane and Associates Limited
Wardrop Engineering Inc.

Supervisory Control Systems

Valmet Automation (Canada) Ltd.

Tanks, Treatment/Storage

3-L Filters Ltd
Aqua Guard Technologies Inc
Arthur S. Leitch Company Ltd
Bennett Environmental Consultants Ltd
Bennett Remediation Services Ltd
Bennett Remediation Technologies Ltd
Bioclear Technology Inc
Broer Services Ltd
Columbia Geosystems Ltd
Comptank Corporation
Consolidated Environmental Technologies
Custom Environmental Services Ltd.
ERM Canada Inc
Fiberglass Reinforced Plastic Systems
Fluor Daniel Wright
Hardy BBT Limited
Komex International
MCC Industrial Services Ltd.
Mobius Plus
Northside Steel Fabricators Ltd.
Numet Engineering Ltd
P. Lane and Associates Limited
Ramsay Machine Works Ltd.
Robert Mitchell Inc.
Stanco Projects Ltd.
Sutherland-Schultz Limited
Versatech Inc.

Telemetry

Control Microsystems

Television Sewer Inspection

Knopafex Ltd.

Terminal Reheat Unit

M&I Heat Transfer Products Limited

Test Kits

Aqua Guard Technologies Inc
Beck Drilling and Environmental Services
Bennett Environmental Consultants Ltd
Bennett Remediation Services Ltd
Bennett Remediation Technologies Ltd
CB Research International Corp
CBR International Biotechnologies Corp
Intelcan Technosystems Inc
Syprotec Inc.

Testing of Toxic Substances in Aquatic

CSSA Consultants Ltée

Thermoformed Plastic Trays

Agra Recycling

Toxicity Analysis

Analygas Systems Division of Inspectech Analygas Group Inc
Pollutech Environmental Ltd.

Toxicity Analyzers

Enviro-Test Laboratories
McLeay Associates Ltd.
Technology Transfer and Licensing Office

Training Programs/Films/Books

ADS Environnement ltée.
Aqua Guard Technologies Inc
Atlantic Nuclear Services Ltd.
Bennett Environmental Consultants Ltd
Bennett Remediation Services Ltd
Bennett Remediation Technologies Ltd
Connor Development Services Ltd
Custom Environmental Services Ltd
Danatec Educational Services Ltd
David Bromley Engineering (1983) Ltd.
ERM Canada Inc
Environmental and Social Analysts Ltd.
Enviro-Test Laboratories
Groupe Serrener Inc.
Hardy BBT Limited
Norland Science & Engineering Ltd.
Northridge International (Canada) Ltd.
OPIM Consultants Inc.
P. Lane and Associates Limited
Pollutech Environmental Ltd.
Sentar Consultants Ltd.
Southern Alberta Institute of Technology
Stanley Associates Engineering Ltd.
Stelem Inc
Stothert Management Ltd.
Technology Transfer and Licensing Office
Unies Ltd.

Transportation

AFS International Inc
Buckham Transport
CEF Consultants Ltd.
Comptank Corporation
Crippen Consultants
Custom Environmental Services Ltd.
Dual Removal Systems Ltd
E.D.A. Collaborative Inc
Enviro-Test Laboratories
Extech Environmental Services
Groupe Sani-mobile inc.
Hammant Car & Engineering Ltd.
Philip Environmental
Racan Industries Inc.
Services sanitaires Blainville inc.
Western Star Trucks Inc.

Transportation, Hazardous Waste Disposal

Acier Fabrex Inc.
Western Star Trucks Inc.

Tree Seedlings

Industrial Forestry Service Ltd.

Ultraviolet Light Disinfection Systems

M.M. Dillon Limited
Trojan Technologies Inc.

Vacuum Cleaning, Pneumatic

Tiger-Vac Inc.

Vacuum Cleaning, Cleanroom

Tiger-Vac Inc.

Vacuums, Asbestos Abatement

Tiger-Vac Inc.

Vacuums, Explosion Proof

Tiger-Vac Inc.

Valves, Air

Jenkins Canada Inc
M&I Heat Transfer Products Limited

Vehicles, Off-Road

Steel Fabricating & Welding Co. Inc.

Vehicles Recycling

C-Max Transportation Equipment

Vehicles, Refuse Handling

Chalmers Suspensions International Ltd
Dual Removal Systems Ltd
Equipment Labrie Ltd
Hammant Car & Engineering Ltd.
Laidlaw Inc.
MCC Industrial Services Ltd.
Northside Steel Fabricators Ltd.
Ramsay Machine Works Ltd.

Vehicles, Remotely-Operated

Hydrobotics Engineering Canada Inc.

Vehicles, Sludge Application

Ceda-Reactor Ltd
Comptank Corporation
General Liquid Engineering Inc.
LH Resource Management Inc.

Vehicles, Vacuum Cleaning

Ceda-Reactor Ltd
Comptank Corporation
Cusco Fabrication Inc
General Liquid Engineering Inc.
Groupe Sani-mobile inc.
Kraemer Tool and Manufacturing Co. Ltd.
M.W. Metal Spinning & Stamping
Madvac Inc.
Philip Environmental

Ventilators

Hydro-Québec LTÉE.
Ingénierie Co-Vent inc.
Kraemer Tool and Manufacturing Co. Ltd.
Lambert-Somec Inc.
Ramsay Machine Works Ltd.
Racan Industries Inc.
Radiant Design and Supply
Venmar Ventilation Inc

Waste Encapsulation

Bovar Environmental Services
C.A.R.E. International Ltd.
Consolidated Environmental Technologies
Custom Environmental Services Ltd.
ERM Canada Inc
Komex International
MCC Industrial Services Ltd.
Pollutech Environmental Ltd.
Rescan Environmental Services Ltd.
Solid Waste Systems (1990) Inc.
Volker Stevin Offshore Canada Inc.
Wardrop Engineering Inc.
Volker Stevin Offshore Canada Inc.

Waste Glass

Quick as a Wink Waste Disposal Systems Ltd.

Waste Transfer

Leferink Transfer Limited

Wastewater Treatment Services

3-L Filters Ltd
ADI Ltd
ADS Environnement ltée.
Aer-O-Flo Environmental Inc
Agra Industries Ltd.
Alan A. Smith Inc
Aquarobic Ltd
Arlat Inc
Bechtel Canada Inc
Bennett Remediation Services Ltd
Bioclear Technology Inc
Boojum Research Ltd
Bovar Environmental Services
C.A.R.E. International Ltd.
CEF Consultants Ltd.
Cemcorp Ltd
CMS Rotordisk Inc
Crippen Consultants
CSSA Consultants Ltée.
Consolidated Environmental Technologies
Custom Environmental Services Ltd.
Daigle Consultants-Combustion Inc.
David Bromley Engineering (1983) Ltd.
Deep Shaft Technology Inc
E.H. Hanson & Associates Ltd
Enviroservices Inc.
ERM Canada Inc
F.J. Reinders and Associates Canada Ltd.
Ferguson, Simek, Clark
Fluor Daniel Wright
Groupe Serrener Inc.
H.A. Simons Ltd.
Hardy BBT Limited
Hydromantis Inc.
Hydro-Québec LTÉE.
INRS-EAU
International Water-Guard Industries Inc
J.K. Engineering Ltd.
Kenox Corporation
Klohn Leonoff Ltd.
Komex International
L.H. Schwindt & Co. Ltd.
Lawrence, Marchant Ltd.
M.M. Dillon Limited
MacLaren Engineers Inc./ MacLaren Plansearch Inc.
McLeay Associates Ltd.
Monenco Maritimes Limited
Northridge International (Canada) Ltd.
Nova Environmental Systems Inc.
Nova Scotia Research Foundation Corporation
Numet Engineering Ltd
Nutech Energy Systems Inc.
Petwa International Inc.
Philip Environmental
P. Lane and Associates Limited
Point Four Systems Inc.

Pollutech Environmental Ltd.
R.J. Brimo Enterprises Ltd.
R.V. Anderson Associates Limited
Rescan Environmental Services Ltd.
Sanivan Group Inc.
Schultz International Limited
SciCorp Systems Inc.
Senes Consultants Ltd
Shawmont Newfoundland Limited
Sonitec Inc.
Stanley Industrial Consultants Ltd.
Steel Fabricating & Welding Co. Inc.
Steffen Robertson and Kirsten (B.C.) Inc.
Sutherland-Schultz Limited
System Ecotechnologies Inc.
Thyssen Canada Ltd.
Vaughan Engineering Associates Ltd
Volker Stevin Offshore Canada Inc.
Wardrop Engineering Inc.
Washburn & Gillis Associates Ltd.
Wastewater Technology Centre
Zenon Environmental Inc.
Zimmark Inc.

Water Pollution Control

ADI Ltd
ADS Environnement ltée.
Aer-O-Flo Environmental Inc.
Agra Industries Ltd.
Aqua Data Inc
Aqua Guard Technologies Inc
Arlat Inc
Bailey Canada Inc
Beasy Nicoll Engineering Ltd
Bennett Environmental Consultants Ltd
Bennett Remediation Services Ltd
Bioclear Technology Inc
Boojum Research Ltd
CMS Rotordisk Inc
Crippen Consultants
CSSA Consultants Ltée.
Daigle Consultants-Combustion Inc.
David Bromley Engineering (1983) Ltd.
Deep Shaft Technology Inc
Droycon Bioconcepts Inc.
E.H. Hanson & Associates Ltd
Ecodyne Ltd
ERM Canada Inc
F.J. Reinders and Associates Canada Ltd.
Gartner Lee Limited
Groupe Sani-mobile inc.
H.A. Simons Ltd.
Hardy BBT Limited
Hatch Associates Ltd
Hipp Engineering Ltd.
INRS-EAU
Kenox Corporation
Komex International
International Water-Guard Industries Inc
L.H. Schwindt & Co. Ltd.
Lambert-Somec Inc.
Lawrence, Marchant Ltd.
M.M. Dillon Limited
Machinerie Rennel Inc.
Maritime Scientific Services Ltd.
Markland Specialty Engineering
McLeay Associates Ltd.
Nutech Energy Systems Inc.
Oceanroutes Seimac
O'Connor Associates Environmental Inc.
Petwa International Inc.
P. Lane and Associates Limited
Pollutech Environmental Ltd.
R.B.H Cybernetics Ltd
R.J. Brimo Enterprises Ltd.
Ramsay Machine Works Ltd.
Rescan Environmental Services Ltd.
Sanivan Group Inc.
Sentar Consultants Ltd.
Septo Clean Company
Stanley Industrial Consultants Ltd.
Stone & Webster Canada Ltd.
Sutherland-Schultz Limited
System Ecotechnologies Inc.
Technology Resource Inc.
Technology Transfer and Licensing Office
Thyssen Canada Ltd.
Wardrop Engineering Inc.
Wastewater Technology Centre
York Energy Conservation

Water Purifiers

Arlat Inc
Enviroguard Products Ltd
Enviro-Test Laboratories
ERM Canada Inc
Ferguson, Simek, Clark
Glegg Water Conditioning Inc.
International Water-Guard Industries Inc
Numet Engineering Ltd
Nutech Energy Systems Inc.
Petwa International Inc.
R-Can Distribution Inc.
R.J. Brimo Enterprises Ltd.
Sutherland-Schultz Limited
Technology Transfer and Licensing Office

Thyssen Canada Ltd.
Wastewater Technology Centre

Water Waterflood Injection and Treatment Plants

I.P. Constructors Ltd.

Well Disposal Systems

Bennett Remediation Services Ltd
Custom Environmental Services Ltd.
Droycon Bioconcepts Inc.
ERM Canada Inc
Komex International
Sentar Consultants Ltd.
Technology Transfer and Licensing Office

Workboats

Versatech Inc.

Workshop Facilitation

Environmental and Social Analysts Ltd.

3-L Filters Limited

427, Elgin St. North
P.O.Box 371
Cambridge, Ontario
Canada
N1R5V5
Tel: (519) 621-9949
Fax: (519) 621-3371
John Kadar
President

For over a quarter-century, 3L Filters has engineered efficient vessels, cartridges and complete filtration systems for customers specific applications. Today, 3L Filters serves refineries, airports, pipeline facilities, chemical plants and a wide range of specialized industrial clients. Beyond filters, 3L engineers and manufactures ion exchangers, heavy water vapour recovery driers, and other process equipment for nuclear power plants world wide. Our Research and Development Department is actively engaged in continuous development of new filtration products. Our team builds prototypes and tests them extensively in our laboratories.

Export sales are approximately 12% to the U.S. and 9% overseas with over 40 representatives world wide. Major clients include Ontario Hydro, Esso Petroleum, Husky Oil, Canadian Meter and Velcon Canada.

A. Comeau & Associates Ltd.

4718-90 A Avenue
Edmonton, Alberta
Canada
T6B 2P9
Tel: (403) 465-9961
Fax: (403)465-4990
Telex: 037-2966
Neil M. McNeil
Director Marketing

The company was incorporated in Alberta in 1976 for the purpose of providing engineering services to the oil & gas industry. Custom manufacturing of specialized electronic protection and control products began in 1979 with the introduction of the Keltronics line of submersible pump controllers. The company now manufactures approximately 25 unique electrical and electronic control devices to serve the oil industry with trade names such as Keltronics, Surge Stop, SCANWELL, and Optimizer. In addition to the manufacturing of electronic products, the company designs and builds a variety of specialized equipment for the overseas markets.

The Engineering & Design division is responsible for electrical power and control system design. This group is also highly active with system integration projects that require specialized interfacing of multi-vendor equipment to a central control station. A. Comeau & Associates Ltd. provides a full line of engineering

A.E.D. Manufacturing & Mechanical

7279 Braeside Drive
Burnaby, British Columbia
Canada
V5A 1E9
Tel: (604) 439-1500
Fax: (604) 433-0598
Craig Smith
Marketing Manager

Incorporated in 1980, A.E.D. MFG. and MECH. INST. LTD. designs, manufactures, and installs custom designed incinerators for the disposal of pathological, hazardous, and toxic wastes. A.E.D. also designs and manufactures afterburners for controlling the emissions of burners used in the food, chemical, petroleum, and wood industries. The Powerlift division of our company manufactures the material handling equipment required to deliver and remove the materials to or from the various incinerators.

Our gross sales per annum are approximately $ 2 million of which ninety percent is sold into the Canadian market. We strive to achieve a product manufactured of 100% Canadian content with the average being around 80 to 90%. Some of the major

clients we have supplied are Air Canada, Canadian Airlines International Ltd., Canada Post Corporation, and Federal Agencies such as Transport Canada.

ABBA Parts Inc.

1476, Speers Road, Block 4
Oakville, Ontario
Canada
L6L 2X6
Tel: (416) 825-1881
Fax: (416) 827-0857
Barry Jasper
Marketing Manager

ABBA Parts are manufacturers of high quality replacement parts, for centrifugal pumps, used in water and wastewater plants. We specialize in cast components, impellers, casings etc... using superior materials of construction, while providing exceptionally competitive prices.

ABBA Parts markets this product in Canada and the USA through a network of 50 distributors. These distributors are encouraged, to not only search out customers, experiencing difficulties with service, delivery, or pricing from their OEM. Representatives; but to offer our field services to solve pumping problems of all types. This ability to offer modified designs, different construction materials etc... allows ABBA to give its customers, problem solving solutions, while minimizing maintenance costs.

ABBA Parts backs up their product with an extended warranty, (double those provided by dem's), and a commitment to excellence in customer services.

Acier Fabrex Inc.

9000, Industriel Blvd.
Trois-Rivières, Quebec
Canada
G9A 5E1
Tel: (819) 379-3738
Fax: (819) 379-7536
Urgel Dostie
President

Acier Fabrex Inc. produces customized transfer trailers for solid waste handling and semi-trailers. The semi-trailers are available in capacities from 85 to 100m3 (100 to 130 c.y.). Options include manual or hydraulic flip top cover and walking floor that features a six minutes unloading time of urban and industrial solid waste. The fabrication of body dump trailers in steel and aluminum with or without frame and body dump for B train are also some of Acier Fabrex products.

Founded in 1985, Acier Fabrex now has many distributors in the U.S.A. Acier Fabrex products are made of steel and aluminum.

ADI Limited

407-1133, Regent St.
P.O. Box 44
Station A
Fredericton, New-Brunswick
Canada
E3B 4Y2
Tel: (506) 452-9000
Fax: (506) 459-3954
Andrew Steeves
Marketing Coordinator

Founded in 1946, ADI is a consulting and design firm consisting of 130 engineers, planners, technologists, technicians and office staff.

The Company has pioneered the use of innovative technology in the treatment of industrial and municipal wastewater. It is a leader in the development and the application of anaerobic processes, biogas utilization, the design and installation of membrane liners and covers, the use of microprocessor controls and telemetric instruments as well as research into sequencing batch reactors (SBR) and covered aerated reactors (CAR).

Clients are provided with a range of services including wastewater flow and characterization studies, treatment feasibility studies, design of treatment works, construction supervision, operator training and plant operations (aftercare). Clients

are provided with a complete "characterization to aftercare" package. Clients have included Abbott Laboratories, A. E. Staley, McCain Foods, J.R. Simplot, Cavendish Farms, Great Lakes Chemical and several municipalities. The company markets and licenses its services in Canada, the United States, the Caribbean, Europe, Australia and India.

ADS Environnement Ltee
2155 Guy Street
Suite 1200
Montreal, Quebec
Canada
H3H 2R9
Tel: (514) 932-4454
Fax: (514) 932-1518
Charles Lavoie
Vice-President

ADS Environnement Inc. is a subsidiary of ADS Associates Ltd. and has been offering environment-based engineering, construction and consultation services since 1984. With close to 40 experts well versed in the most recent developments in environmental science and with extensive experience in the field, the group has from its inception established a solid reputation.

Its primary mission can be seen in the rapid diversification of services related to the conversation, protection and restoration of the environment. ADS Environnement has always focussed on a single, unique task -- resolving the complex environmental problems encountered by its clientele.

For the past six years, ADS Environnement has carried out more than 400 projects in the following four main areas of activity: earth sciences, impact studies and verification of environmental compliance, environmental engineering and technical studies, and research and development.

Annual revenue exceeded $3.5 million in 1990. Export sales account for 10% of volume, and we foresee an annual growth rate of nearly 100% for this market over the next two years.

Advanced Engineer Corporation
13259-20A Ave.
Surrey, British-Columbia
Canada
V4A 9K2
Tel: (604) 538-5526
Fax: (604) 538-5579
Peter Townsley
President

Advanced Engineering Corporation, incorporated in 1980, is a multidisciplinary company engaged in the waste treatment and industrial process control industries. Advanced Engineering will soon be manufacturing Remote Process Control Units (RPCU) which will monitor temperature, oxidation reduction, fluid level, aeration, agitation and process time at waste water treatment plants. A Master Control Unit (MCU), currently being developed, utilizes the latest computer technology, linking the various RPCU's within the system into a common network. This complete system saves on personnel time, operation costs and provides reliable, fail-safe process control. The RPCU and MCU has been designed, developed and will be manufactured in British Columbia, thus achieving close to 80% Canadian content.

Advanced Engineering also designs and manufactures "Liquid Composting" units up to 20,000 gallons (73 m3) in capacity. These units utilize a patented thermophilic digestion process to treat any biodegradable organic wastes. The effluent is a disease-free, odourless, stabilized material which can be used as a high-grade organic fertilizer or feed supplement. These units have applications in the waste water treatment industries, apartment and housing complexes, food and fish processing, animal processing by-products etc.

AECL Research Whiteshell Laboratories

Pinawa, Manitoba
Canada
R0E 1L0
Tel: (204) 753-2311
Fax: (204) 753-8404
Telex: 063671345
C.A. McDowall
Manager

AECL Research, a Canadian Crown Corporation, has over 3000 scientists, engineers, technologists, skilled tradespeople, and support staff at two centres, the Whiteshell Laboratories at Pinawa, Manitoba and the Chalk River Laboratories at Chalk River, Ontario. AECL has an extensive array of skills and experience encompassing a broad range of scientific disciplines. These talents, along with sophisticated facilities at the two sites, enable AECL Research to undertake a wide variety of testing, problem solving, and research assignments.

AECL Research is responsible for research and development into methods for the safe disposal of Canada's nuclear wastes. AECL's unique Underground Research Laboratory (URL) is a valuable asset for geotechnical experimentation and engineering demonstration in this program. Environmental monitoring, analysis, waste management and site characterization have been an integral part of AECL's operations, as well as its research and development program, for over 30 years. These activities have lead to the development of new products and processes to meet the demand created by environmental concerns. The full range of environmental and waste management services offered includes research, decommissioning and independent review.

Aer-O-Flo Environmental Inc.

1175, Appleby Line, Unit C3
Burlington, Ontario
Canada
L7L 5H9
Tel: (416) 335-8944
Fax: (416) 335-8972
Harry Marshall
President

For over 25 years AER-O-FLO has designed and manufactured wastewater treatment systems to meet the needs of clients in both the Industrial and Municipal water and wastewater sectors.
Our practice is to interpret the needs of clients and convert them into pre-engineered systems which serve to fulfil the in-house requirements of the client while meeting the standards set by the EPA, Department of Environment or other local regulatory groups. Since 1962 AER-O-FLO has kept pace with the rapidly expanding industrial process markets and today our systems in the wastewater treatment field employ the most innovative technologies. AER-O-FLO design is environmentally sensitive and customer oriented.

Along with high quality equipment, application engineering is one of our major contributions. Not only do we design entire treatment systems tailored to the customer's special needs, we also supervise installation and start-up of these systems and provide full operator training. AER-O-FLO continues to service installations that it provided many years ago.

Agglo Recovery Inc.

34 Leading Road
Rexdale, Ontario
Canada
M9V 3S9
Tel: (416) 740-0188
Fax: (416) 740-1453
Telex: 065-27284
Peter L. Weinwurm
President

The Company was formed in 1989 to develop and license patented technology for treating difficult-to-handle solid wastes. In

the MFB Process addition of a proprietary solid reagent Keymix™ allows volatile components to be separated by evaporation, leaving dry granular non-leachable solid residue. A full-scale demonstration plant in Canada separates solvents and granular solid from flammable paint sludge.

A plant extension using the Thermo-Chemical Process technology to convert the granular solid to light-weight aggregates is planned. This second technology will handle spent alumina catalysts, filter media and foundry sands; plate sludge; and soils requiring remediation because of organic and heavy metal contamination.

The technologies allow components of solid waste to be recycled for useful purposes, avoiding hazardous land-fill and environmental liability. The Company expects the technology to be widely accepted and forecasts significant world-wide growth from today's low sales base.

Agra Industries Limited

Royal Bank Tower, Suite 1900
335-8th Avenue S.W.
Calgary, Alberta
Canada
T2P 1C9
Tel: (403) 263-9606
Fax: (403) 263-9676

AGRA Industries Limited is a diversified international company with business interests around the world.

Since its incorporation in 1960, AGRA has grown into a major publicly-held coproration whose shares are traded on the Toronto and Montreal Stock Exchanges. AGRA employs approximately 3,800 people in more than 100 offices and locations in Canada, the United States, the Caribbean, Europe, South America, Africa, Asia and Southeast Asia.

The Company concentrates on two core business areas: Engineering and Construction, and Waste Management and Recycling. This corporate focus is in harmony with AGRA's traditional strengths and the business opportunities which will be created by the three dominating issues of the next decade - energy, the environment and the global economy.

Agra Recycling

6910-34th Street
Edmonton, Alberta
Canada
T6B 2X2
Tel: (403) 465-6158
Fax: (403) 465-8074
Keith Harradence
General Manager

AGRA Recycling, A Division of AGRA Industries Limited, established in 1990, is dedicated to the recycling of post consumer plastic soft drink bottles into polyethylene terephthalate (PET) flake, PET film (rolled and cut sheet) and selected thermoformed products. These products are manufactured under strict quality assurance standards and are considered to be one of the more consistent sources of recycled PET in North America.

Recycled PET has excellent performance characteristics for packaging, graphic arts, and a variety of thermoformed product applications. It is extremely durable and may be produced in any colour. A major advantage of recycled PET for packaging is in the strength of the material and energy, and reducing weight.

AIM Safety Co.

706 Derwent Way
New Westminster, British-Columbia
Canada
V3M 5P8
Tel: (604) 524-6711
Fax: (604) 522-2855
William McDonald
Vice President

AIM manufactures portable microprocessor driven gas detection instruments. Standard instruments can be configured to adapt to one, two and three sensors types depending on the industry.

Typical applications include site monitoring during remediation work, emergency response, general gas leak detection, confined space/area monitoring and industrial hygiene evaluation. All AIM equipment such standard features as data logging, precalibration to a variety of common industrial gases, 110/220/12 volt power supply via the same charger assembly and software calibration to name a few.

AIM maintains a sales/service office in Stafford, Texas. Approximately 75% of all manufacturing is exported to the U.S. and sold through US distributors.

We are presently represented in Holland for the Benelux and Eastern Block countries, Sweden for the Scandinavian countries and Singapore for some of the Pacific Rim countries. We are presently working with distributors in Australia, Israel and Saudi Arabia.

AIM is about to introduce a new line of detectors that will be simpler to service by offshore distributors. We will be pursuing distribution in Western Europe in late 91.

Airite Environmental Industries Inc.

70 West Beaver Creek Road
Richmond Hill, Ontario
Canada
L4B 1G5
Tel: (416) 886-1406
Fax: (416) 886-2491
Paul Manley
V.P. Engineering

Airite Environmental Industries Inc. is the environmental management arm of the Airite group of companies. These associated companies, in business since 1972, provide a wide range of environmental planning, design, manufacturing and construction services as well as overall project management for industries and municipalities.

Airite's background in environmental problem solving and extensive experience in integrated waste management planning led to a review of available composting technology. Clearly aware of the worldwide trend towards source separation recycling and public involvement in the disposal problem, Airite concluded that existing systems and methods of composting simply did not address waste management needs. Working with a team of composting and waste management experts, Airite embarked on the development of a fully enclosed composting system that:

- builds on the concept of source separation;
- ensures a contaminant-free product
- operates with high efficiency on minimal land space
- provides full odour control in all climatic conditions

Airite's team of experts will design an appropriate waste collection and diversion program, efficiently compost the organic portion of the waste stream and market the finished product.

Alan A. Smith, Inc.

17 Lynndale Dr.
Dundas, Ontario
Canada
L9H 3L4
Tel: (416) 628-4682
Fax: (416) 628-1364
Alan Smith
President

Alan Smith Inc. has developed a sophisticated but easy to use software package for the design of drainage systems. The company has been incorporated since 1978 and has spent 8 years developing and improving the software named "MIDUSS".

MIDUSS software involves many of the accepted mathematical models for storm water drainage design and its strength and its interactiveness and flexibility. The software is a decision support tool for engineers. Engineers can design an unlimited sized network of drainage components and because it is interactive it allows superior optimization and cost effectiveness in the design.

MIDUSS software is particularly attractive to educators because the interactive nature allows instructors to demonstrate the results of design decisions. Full graphical displays of all designs are available throughout the program.

Alberta Special Waste Management System

250, 3115-12 Street N.E.
Calgary, Alberta
Canada
T2E 7J2
Tel.: (403) 250-3742
Fax: (403) 250-3909
Les Sherwood
Sales Manager

The Alberta Special Waste Services Association is a not-for-profit business organization dedicated to developing a strong environmental services industry to help solve environmental management challenges in Alberta. The ASWSA has over 125 member companies working in this sector providing services such as:

- Special waste disposal and treatment
- Incineration
- Transportation
- Consulting and professional services
- Analytical services
- Transportation
- Site assessment and remediation
- Waste auditing
- Safety training and technical education
- Environmental liability insurance
- Landfill and incinerator design and construction
- Air and water quality monitoring and treatment

The ASWSA provides a number of services to members such as:

- Regulatory affairs review and comment
- Networking through regular meetings, seminars and workshops
- Publications including the monthly Update, quarterly Newsletter, and the annual Directory listing firms, addresses, contacts and company expertise
- A referral service to put waste generators in touch with members
- Promotion of member services at trade shows and conferences
- Project management of the Household Toxic Round-up Program

Alberta Special Waste Management Corp.
610-10909 Jasper Avenue
Edmonton, Alberta
Canada
T5J 3L9
Tel: (403) 422-5029
Fax: (403) 428-9627
Ken Simpson
President

The Alberta Special Waste Management Corporation (ASWMC) is a Alberta Government Crown Corporation charged with ensuring the establishment, growth and safe opera-

tion of facilities and programs to treat hazardous wastes in Alberta, Canada. ASWMC own 40 percent of The Alberta Special Waste Management Centre located in Swan Hills, Alberta.

ASWMC has developed specific areas of expertise which can contribute significantly to meeting the hazardous waste needs in the marketplace. Specific expertise that has developed within the ASWMC, include: environmental impact assessments; site selection and facility establishment; regulations/standards formulation; hazardous waste pick-up programs; joint venture participation/management; public participation strategy/implementation; government relations coordination; expansion strategy development and implementation; and assembly of components for a total waste management system.

The Alberta Special Waste Management Corporation is interested in working with other partners to address the hazardous waste management needs in external markets.

Alberta Research Council

250 Karl Clark Road
P.O. Box 8330, Station F
Edmonton, Alberta
Canada
T6H 5X2
Tel: (403) 450-5111
Fax: (403) 461-2651
Telex: 037-2147
Corporate Affairs

The Alberta Research Council, established in 1921, is the oldest and largest provincial research organization in Canada. The Alberta Research Council has a stated mission to advanced the economy of the Province of Alberta by promoting technology development and application; performing applied research; and providing expert advice, technical information, and scientific infrastructure. With 600 employees, it offers a diversified range of scientific, engineering and technological capabilities in: geological and soil surveying, environmental research and engineering, oil sands and hydrocarbon recovery, coal and hydrocarbon processing, advanced computing and engineering, electronics testing, forestry, biotechnology and manufacturing technology. Joint research venture programs are carried out with industry partners. The ability to assemble multi-disciplinary teams that provide comprehensive integrated solutions to difficult technical problems is one of the major strengths of the corporation.

Alco Gas & Oil Production Equipment

5203 75 Street
P.O. Box 5853 Station L
Edmonton, Alberta
Canada
T6C 4G3
Tel: (403) 465-9061
Fax: (403) 466-8110
Telex: 038-24779
Frank J. Kana
V.P. Engineering

ALCO GAS & OIL PRODUCTION EQUIPMENT LTD. was incorporated in 1972 to provide a competitive line of gas and oil production and processing equipment to the Canadian Oil and Gas industry. After establishing itself in Canada, it began pursuing International markets. Marketing is directed primarily towards oil and gas producing/processing industry and the related.

ALCO has signed a License Agreement with "Petreco" of Houston, U.S.A. to manufacture and co-operate with Petreco in crude oil treating and "AFS" water treating. It has also signed a Secrecy Agreement with "ARI Technologies Inc." of Illinois,

U.S.A. and the "Dow Chemical Company" of Michigan, U.S.A. for sulphur recovery processes, and Exxon of New Jersey, U.S.A. for gas treating process.

Alternative Fuel Systems Inc. AFS
#1100, 1122-4 St. Sw
Calgary, Alberta
Canada
T2R 1M1
Tel: (403) 262-1833
Fax: (403) 237-7441
Telex: 038-22763
Arie H. Van DerLee
V.P. Marketing

Alternative Fuel Systems Inc., markets a device to convert diesel engines to operate automatically on natural gas.

Using the latest microprocessor and high speed solenoid valve technologies, A.F.S. provides a multi point, timed-port delivery system which accurately controls the timing and volume of fuel delivered to each individual cylinder.

The system meets the most stringent emission requirements and offers additional advantages such as savings in fuel and maintenance.

The AFS bolt-on system offers the following advantages:

- Maximum replacement of diesel - up to 90% replacement of diesel
- Operating performance matches or slightly exceeds pre-converted engine.
- Energy efficiency better than similarly rated diesel or dedicated gas engines.
- Easy to install, requiring no modification to the stock engine. Typical installation is eight hours.
- Reduced engine maintenance and extended engine life.
- Reduced emissions
- No scavenge loss of fuel.

"NATURAL GAS IS THE LOGICAL CHOICE FOR A CLEANER MORE ECONOMICAL FUEL"

Amenatech Inc.
345, boulevard Industriel
Sherbrooke, Quebec
Canada
J1L 1X8
Tel: (819) 566-8855
Fax: (819) 566-0224
Guy Fouquet
Director

Amenatech Inc. specializes in the provision of environmental services, including microbiological and physico-chemical analysis, air pollution control, wastewater treatment, biotechnologies impact studies, urban and regional planning, tourism studies, waste management, research studies in ecotoxicity, ecological investigations, and remote sensing. We also do research and development in the fields of visual simulation, remote sensing and computer systems in decision making.

Analygas Systems Ltd.
Div of Inspectech Analygas Group Inc.
215, Nantucket Blvd.
Scarborough, Ontario
Canada
M1P 2P2
Tel: (416) 759-2241
Fax: (416) 757-8096
A.C. Richardson
President

Analygas Systems Ltd., founded in 1971, designs and manufactures gas detectors and monitors. Their product line includes an ammonia/freon leak detector; an electrochemical gas analyzer for the detection of a wide variety of reactive gases including carbon monoxide, oxygen, sulphur dioxide, nitrogen dioxide and hydrogen sulphide; a multipoint version of their gas monitor that can detect a variety of gases and vapours including carbon monoxide in vehicle exhausts, and ethylene oxide in freon; and a portable; battery powered, carbon monoxide monitor designed to provide reliable operation for long peri-

ods. The company specializes in the custom engineering of environmental monitoring systems including emissions benches and stack monitoring. Their products are sold in the U.S. through a distributor.

Angus Environmental Limited

1127, Leslie Street
Don Mills, Ontario
Canada
M3C 2J6
Tel: (416) 443-8360
Fax: (416) 443-8380
David Hopper
President

Angus Environmentalo Limited (AEL) is a group of environmental engineers and scientists dedicated to excellence and innovation in environmental engineering services, environmental inspections and auditing, air quality and odour impact assessment, pathways analysis and risk assessment, and environmental model development and application.

In the areas of soil quality assessment, site decommissioning, pathways analysis, and risk assessment Angus Environmental Limited is at the forefront, worldwide. For example we are currently assisting the Canadian Council of Ministers of the Environment in the development of soil cleanup (remediation) criteria for orphan sites in Canada, assisting the Australia New Zealand Environmental Council with the development of similar soil quality guidelines.

AEL has performed audits for a wide range of Canadian and American industrial and financial concerns. Example audits include a Canadian secondary lead smelter on behalf of the Continental Bank of Chicago, a plastics moulding and plating operation on behalf of Triplex Lloyd, a steel service centre on behalf of A.M. Castle.

AEL also has considerable expertise in the areas of air quality assessment and environmental permitting. Projects in these areas have been undertaken for a range of industrial clients including Frontier Refractories in Welland, Portion Packaging in Rexdale, Hallmark Cards in North York, Bank of Nova Scotia and Consumers Glass.

Applied Microsystems Ltd.

2035 Mills Road
Sidney, British Columbia
Canada
V8L 3S1
Tel: (604) 656-0771
Fax: (604) 655-3655
Steve McBeath
Marketing Manager

Applied Microsystems Ltd. is a Canadian company, serving the oceanographic, geophysical, and water quality monitoring industries since 1974. AML specializes in the state-of-the-art design and manufacture of marine instruments with sales and installations worldwide.

AML instruments are used in fresh and seawater to measure and record tides, currents, waves, conductivity (salinity), temperature, pressure, and many others. There is a strong in-house software development section. Complete calibration facilities have been established with one precision temperature chamber, two seawater calibration tanks, a pressure chamber (to 2,400 dbar) and a water tunnel (flows to 8 m/s). The company has full machine shop facilities.

AML instruments are used by many companies, universities and government agencies wold-wide, including: the Navies of the USA, UK, Canada, New Zealand, and

Australia, Woods Hole Institute of Oceanography, Scripps Institute of Oceanography, the Institute of Oceanography (UK), and many others.

Aquacorp (1990) Inc.

2949 Bergman
Laval, Québec
Canada
H7L 3Y5
Tel: (514) 682-5440
Fax: (514) 682-8086
Denis-Michel Ledoux
Vice-President

Aquacorp (1990) Inc. has been in existence since 1982. Between 1982 and 1990, our company operated under the name of Pro-Vie-Eau, but was changed to Aquacorp, Which we felt would sound better to international ears. We manufacture inverse osmosis water prurifiers for domestic. comemrcial and industrial use. In addition to the inverse osmosis membrane (TFC), our system has four other first-quality purification elements. The product is exclusive, superior and highly efficient. The water obtained is pure, containing only 5 or 6 ppm of minerais. With annual extensions, the system is guaranteed for life. We are the only manufacturer that offers after-sale service and a guarantee on this type of equipment.

We are the undisputed leader in Canada and are currently exporting to France. We are targeting the US market for 1992.

Aqua Data Inc.

35, Huot Street
Notre-Dame de l'Ile Perrot, Quebec
Canada
J7V 7M4
Tel: (514) 425-1010
Fax: (514) 453-6370
Marcel Guibord
General Manager

Aqua Data Inc. was founded in 1987, offers consulting services for the diagnosis, analysis and recommendations for the restoration of sewer and water systems. Invented software programs allowing fast complete and low cost analyses of sewer and water systems. Many consulting Engineer firms, cities and industries use our services. More than 70 cities and industries were diagnosed in the past years using this method.

We evaluate a progess of sales by 150% to 200% annually for the first 5 years. No other similar software nor service exist in America.

Training of personnel to the use of softwae programs and to the management of sewer of water system is our specialty.

Aqua Guard Technologies Inc.

Suite 200
1130 West Pender Street
Vancouver, British Columbia
Canada
V6E 4A4
Tel: (604) 681-3773
Fax: (604) 681-6825
John A. Bennett
President

Incorporated in 1979, Aqua-Guard technologies Inc. designs and manufactures oil spill clean-up equipment and provides training in clean-up procedures. Marketing is directed mainly towards the oil and gas industry, pulp and paper mills and port authorities. Aqua-Guard offers a range of products that are suitable in many different situations and environments. They are all durable, easy to install, and highly effective in containing and cleaning-up oil spills.

Export sales total approximately $ 5 million per year. With 25 agents worldwide, all reporting to the Vancouver office, Aqua-Guard's marketing structure is well developed. A growth rate of 200% per annum is forecast for this market over the next five years. Major clients have included Petro Canada, Beaudril, Ministry of Transport (new Zealand), Shell Oil (Houston, Thailand, Dubai) and the Egyptian General Petroleum Corporation.

Aquarobic Limited

12 Laurier Rd.
P.O. Box 704
Penetanguishene, Ontario
Canada
L0K 1P0
Tel: (705) 549-7401
Fax: (705) 549-2441
Daniel E. Pavon
President

The AQUAROBIC wastewater treatment plants were originally developed to meet the need for a simple, dependable treatment unit for safe disposal of liquid wastes from single family homes.

From the enthusiastic acceptance by architects, engineers and public officials resulting in the installation of over 3,000 units in Canada, United States and the Caribbean and with the performance certification of the MINI series by the National Sanitation Foundation, it became evident that there was a need for plants with larger capacity.

As a result the MAXI series was introduced. The design was initially based on the proven "Single Batch" process. The process was ideally suited for facilities limited to daytime use and flows up to 3,000 gallons per day. An increasing number of inquiries for systems capable of "around the clock" service for use by schools, larger office buildings, manufacturing plants, motels, recreational condominium projects and conference hotels, etc. resulted in the development of the MAXI "Multi Batch" process with a capacity range of from 3,000 to 30,000 gallons per day.

Arctic Sciences Ltd.
201 Brownlow Ave.
Suite 59
Dartmouth, Nova Scotia
Canada
B3B 1W2
Tel: (902) 468-8871
Fax: (902)468-5341
David Fissel
Vice President/Manager

Incorporated in 1977, Arctic Sciences Ltd. has specialized in services and product development related to the scientific and engineering study of the marine environment. Its clients in the public and private sectors have interests in environmental-monitoring, environmental-prediction and environmental-contingency planning associated with, for example, offshore hydrocarbon exploration, navigation and climate change.

Typical company projects have included: design and completion of oceanographic field and data anayises programs of sea ice, iceberg and meteorological studies using remote sensing and acoustic technologies; and development of oilspill and sea ice trajectory models. Company instrument and software development activities have produced: a new acoustic beam scintillation technology for measuring currents and river flows; a high signal to noise depth sounder and software for automatically extracting ice and cloud motion data from sequential remotely sensed imagery.

Export sales of oceanographic and research and development services are presently $200,000 exclusively to the U.S. Arrangements with U.S. venture partners have been and are being made to both increase this activity and to initiate Canada-based manufacturing.

Areco Canada Inc.

28 Concourse Gate
Nepean, Ontario
Canada
K2E 7T7
Tel: (613) 228-1145
Fax: (613) 228-1148
Telex: 06-3690056
Andy A. Rybak
Vice-President

ARECO CANADA INC. is an independent multidisciplinary company specializing in environmental data acquisition analysis and interpretation. The company is also involved in scientific research and development of new environmental techniques and applications. ARECO offers a full range of inorganic, organic and microbiological analyses of water, soil, sediments, sludge and air samples. Field sampling services are also available.

The ARECO scientific team has made important contributions to studies on natural environments, particularly aquatic ecosystems, initiating and participating in many national and international projects.

ARECO is one of the leaders in the development of environmental applications of geophysics. Computer supported expert interpretations provide indispensable baseline information on the location and extent of subsurface soil and ground water contamination. Industrial properties, gas stations, bulk terminals, airports and waste disposal sites have been investigated by ARECO teams providing comprehensive, fast and reliable site assessment. Mapping of contaminated sediments with a remote sensing technique is available uniquely from ARECO.

Arjay Engineering Ltd.

2495, Haines Road
Mississauga, Ontario
Canada
L4Y 1Y7
Tel: (416) 276-2208
Fax: (416) 277-2588
Greg Reeves
Manager

ARJAY Engineering Ltd. began manufacturing the ARJAY brand of level monitors and controls in 1983. The company produces capacitance level systems for both liquids and solids applications, offering a full range of outputs, indicators, and alarm functions, Specialty control systems are also designed and manufactured to meet the rigid custom requirements of the process industries. ARJAY Engineering offers custom systems to meet application demands. The company operates through a network of specialized representatives across Canada and the U.S. for the industrial and municipal market.

Ariat Inc.

150, East Drive
Bramalea, Ontario
Canada
L6T 1C1
Tel: (416) 458-8220
Fax: (416) 458-8224
Ed. Pikovnik
Exp. District Manager

Ariat Technology Inc. established in 1982, specializes in the design and manufacture of process engineered equipment for the water and wastewater industries servicing both municipalities and industrial applications.

The products are sold in Canada and internationally through a network of agents and distributors and include the following equipment:

BAR SCREENS: Climber type mechanically front cleaned

TRAVELLING SCREENS: Bar and Travelling Screen units in mild steel or stainless construction designed for coarse, medium or fine screenings removal.

SCREW CONVEYORS: Spiral Screw Conveyors in a shaftless design for transport of screenings and thickened sludge.

SCREW PRESS: Spiral Dewatering Press designed as an inexpensive method for dewatering screenings.

GRIT CLASSIFIER: Shaftless Spiral screw design used for grit separation and dewatering.

Arrakis Consultants Inc.

7050, boul. Hamel Ouest
Ste-Foy, Québec
Canada
G2G 1B5
Tel: (418) 877-6168
Fax: (418) 877-4759
Roger Des Rosiers
President

Arrakis Consultants Inc. is a consulting firm specialized in hydrogeology and environmental geology. Its full-time staff has extensive experience, acquired prior to the founding of the firm in May 1990, in the three following areas.

Underground water supply, including preliminary studies, selection and localization of zones of interest, characterization of geological and hydrogeological conditions of the sectors studied, design, construction and refurbishing of catchwork sites for collecting or processing drinking water, process water or bottled water.

Installation of waste elimination sites and contamination control, site selection, geological and hydrogeological characterization to ensure conformity with regulations, preparation of documentation required for obtaining appropriate authorization.

Synthesis reports: researching and revising documentation, consulting computerized data banks, compiling, processing and analyzing the information obtained with regard to characterization of the quality of underground water, researching likely catchwork or waste elimination sites.

Array Systems Computing Inc.

401 Magnetic Drive, Unit 24
Downsview, Ontario
Canada
M3J 3H9
Tel: (416) 736-0900
Fax: (416) 736-4715
Elisa Fraquelli
Product Manager

Since its establishment in 1981, Array Systems Computing Inc. has become a leader in the fields of remote sensing, image processing, and signal processing. Array, benefiting from its close working relationship with Environment Canada, Transport Canada, and the Department of National Defence, has developed advanced meteorological systems, image analysis systems, and several software products for the ADA military language.

Array supplies complete satellite ground stations for the reception, processing, and dissemination of data from the NOAA/TIROS satellites. To date, Array has installed three meteorological systems in Canada and one in Korea. Each system, fully automated, can process up to 200 images per day and produce several products such as vegetation indexes. Array has also recently performed a study on RADARSAT.

The Arthur S. Leitch Company Limited

999, rue William
Midland, Ontario
Canada
L4R 4L7
Tel: (705) 526-5496
Fax: (705) 526-0020
John D. Leich
President

The Arthur S. Leitch Company Limited, established in 1920, developed a design and manufacturing capability which today involves centrifugal pumps, shell and tube exchangers and pressure vessels. Additional related products have also been developed such as mechanical gas line separators, industrial water filters,

de-aerators, water softeners, packaged pump sets, packaged boiler feed sets, etc. The company also acts as a fabrication facility for a number of foreign companies. The international acceptance of these industrial products is resulting in a rapid expansion of the product line. The products are exported to the U.S., South America, and Asia.

Associated Engineerign (Sask.) Ltd.

575 Park Street
Regina, Saskatchewan
Canada
S4N 5B2
Tel: (306) 721-2466
Fax: (306) 721-2474
Rod H. Karlus, P.Eng.
General Manager

Associated Engineering (Sask) Ltd. was formed in 1983 as a subsidiary to the Associated Engineering Group of Companies. The company is a broad multi-discipline organization servicing all levels of government as well as commercial and industrial clients in Saskatchewan.

Engineering Consulting Services are provided in the public and private sector for water supply, treatment, storage and transmissions; waste treatment and disposal; water resources; transportation - roads, structures, airports, transit; urban services; computerized control systems.

Services range from planning and feasibility studies, through final design, preparation of plans and contracts documents, contract awards construction inspection, contract administration, project commissioning, preparation of operation and maintenance manuals and client training. Overall services include project management and construction management.

ASW Computer Systems Ltd.

75, Lakeshore Road East
Port Credit, Ontario
Canada
L5G 1C9
Tel: (416) 274-7774
Fax: (416) 274-5194
Ross D. MacBride
President

ASW Computer Systems was established in 1979 with a mandate to provide industrial and governmental clients with engineering services, primarily in advanced electronics design and real-time software. Early in its history, the company entered the industrial monitoring and control marketplace, and has developed a number of products that provide standard building blocks with which to implement solutions tailored to clients' needs.

The majority of ASW's systems implementations are classified as Supervisory Control and Data Acquisition (SCADA) systems. Products integrated into such systems are the ASW Master Station family, the ASW front-end processor subsystems, and either ASW Remote Terminal Units (RTU's) or industry standard Programmable Logic Controllers (PLC's). Master Stations range from 386-based PC to 486-based Multibus II implementations; RTU's from single-card stand-alone and distributed units to multiple processor units with extremely high I/O counts. Applications are water and wastewater treatment, water, gas and electrical distribution, and industrial process control systems.

Atlantic Nuclear Services Ltd.

500 Beaverbrook Court
P.O. Box 1268, Stn. A
Fredericton, New Brunswick
Canada
E3B 5C8
Tel: (506) 458-9552
Fax: (506) 451-0525
C. Keith Scott
President

Incorporated in 1983, Atlantic Nuclear Services Ltd. offers engineering analysis services to the nuclear power and other related industries.

Technical investigation and engineering services are directly primarily to the safe design and operation of nuclear power plants. Atlantic Nuclear's expertise includes the analysis of environmental dispersion by water and airborne pathways and subsequent public health impact. Environmental impact analysis considers radioactive hazards and other toxic substances in cost-benefit evaluation of technologies and remedial measures.

Atlantic Nuclear is the leading private Canadian company offering analytical services to the Canadian nuclear industry. Clients include all major participatns in CANDU technology; i.e., NB Power, AECL, Ontario Hydro and Hydro Quebec.

Atria Engineering Hydraulics Inc.

301-8 Stavebank Rd. N.
Mississauga, Ontario
Canada
L5G 2T4
Tel: (416) 891-0020
Fax: (416) 891-0071
Otavio J. Sayao
President

Atria is a professional engineering company that provides expert consulting services in the fields of coastal engineering, port engineering, river engineering and engineering hydrology. The principals have over 35 years of combined experience in conceptual and detailed engineering including involvement with numerous waterfront and offshore projects. Clients include private corporations, architects and planners, oil companies and all governmental levels. Atria uses state-of-the-art technology to solve engineering problems and to provide cost-effective solutions. In the past three years, Atria has been involved in projects of coastal and marine structures, waterfront engineering design and construction administration, research and development related to beach processes and sediment transport, research on engineering methods and hydraulic modelling (both physical and numerical), development of new criteria and guidelines related to small craft harbours design, environmental impact assessments and shoreline management planning.

B. H. Levelton & Associates Ltd.

12791 Clarke Place, Suite 1
Richmond, British Columbia
Canada
V6V 2H9
Tel: (604) 278-1411
Fax: (604) 278-1042
Wayne C. Edwards
Vice President

B.H. Levelton & Associates Ltd. provides specialty engineering services in the areas of materials, building science, environmental control and impacts and field and laboratory testing. With 25 years of experience, the Company's engineers and scientists have developed expertise in many areas, with the major ones being:

- Materials engineering technology
- Air pollution and emission control
- Wastewater treatment
- Environmental impact assessments and audits
- Biomass energy systems
- Environmental testing and analysis

Export sales of services are being developed in environmental engineering and testing, building on the Company's extensive experience in this area. The target market is industry and government to assist in the improved assessment of environmental impacts of existing or new plants and in the identification and implementation of control programs.

Bacon Donaldson and Associates Ltd.
12271 Horseshoe Way
Richmond, British-Columbia
Canada
V7A 4Z1
Tel: (604) 277-2322
Fax: (604) 274-7235
M.J.V. Beattie
V.P Extractive Metallurgy

Founded in 1972, Bacon Donaldson provides diversified laboratory testing, consulting engineering and research services in the complementary fields of Extractive Metallurgy and Metals and Materials. The Extractive Metallurgical Service divisions are Mineral Processing, Hydrometallurgy, Mineralogy, Biotechnology, Environmental Testing and Analytical Services. The Metals and materials group offers broad expertise and laboratory backup in the areas of failure analysis, materials evaluation, mechanical testing and nondestructive examination, as well as welding and corrosion engineering.

Bacon, Donaldson provides these services in a modern 4,000 m^2 facility. The company has been serving industrial clients and governmental agencies on five continents since 1972.

Bailey Controls
860 Harrington Cr.
Burlington, Ontario
Canada
L7N 3N4
Tel: (416) 639-8840
Fax: (416) 639-8639
S.T Bramwell
Vice President Marketing

Incorporated in 1921, Bailey Canada Inc. supplies custom engineered control systems for the automation of industrial plants, municipal and institutional facilities. Marketing is directed towards consulting engineers, major equipment suppliers, contractors and end users. Bailey Canada Inc. offers completely engineered systems, site supervision, consultation, start-up and maintenance services to maintain plant operations at optimum levels of efficiency.

Export sales have averaged $20M per annum over the last 5 years with the majority of shipments made to the Asian and South American countries. Export marketing is done through a direct sales force supported by agents located in each countries.

Plans have been implemented to double the export sales volume by 1995. Export contracts cover systems supplied to electric generating stations, pulp mills, mines and or processing plants.

Baird & Associates
38 Antares Drive
Suite 150
Ottawa, Ontario
Canada
K1V 7V7
Tel: (613) 225-6560
Fax: (613) 225-5957
Kevin J. MacIntosh
Vice President

Incorporated in 1981, Baird & Associates provides professional engineering services for coastal planning and waterfront developments. The company has undertaken projects throughout North America and overseas, including Iceland, Japan, Oman and the Caribbean. It has developed many innovative and cost-effected designs for coastal structures, and has been involved in the development of several world

class marina and beach restoration projects, as well as a number of shoreline management and habitat restoration studies.

The company undertakes in-depth analyses of coastal processes, design of coastal structures, and assessment of potential construction impacts on coastal processes using both numerical and physical models. Services include: site investigations, wind, wave and water level analyses, topographic and hydrographic surveys, site and market analyses, conceptual design, planning and feasibility studies, design development, final design, development of bidding documents and construction observation. The company frequently participates in large projects, as a member of a multi-disciplined team assembled for a specific project.

Barrday Inc
75 Moorefield St.
Cambridge, Ontario
Canada
N1R5W6
Tel: (519) 621-3620
Fax: (519) 6221-4123
Brian Scherer
Marketing Manager

Barrday is an industrial weaver specializing in custom design and development. While having a strong commercial base, Barrday has developed a working relationship with the Canadian Military in supplying woven fabric and finished goods. Products woven for the Military include Monofilament for boot insoles and winter mukalucks, Nylon webbing which was developed by Barrday to replace cotton webbing used in many areas of the field kit including back packs, canteen holders, gun cleaning kits, etc.

Most recently Barrday has been weaving fire retardant fabrics including Nomex, Conex and Kermel for outer wear for Naval personnel and fabrics for fire resistant use in upholstery and clothing.

In the last five years working with new high performance fibers such as Spectra, Kevlar, and Twaron Barrday has become a leading developer for finished goods for defence related products.

Adding new capital equipment including coating equipment, hydraulic presses for composites, and fabricating machinery, Barreay now manufactures pneumatic air mattresses, hard ballistic composite armour, armour vehicle panels, and structural composites using the latest available technology.

Barrday is a fully owned Subsidiary of Allied Signal Corporation. This association with Allied Signal allows Barrday access to the most recent developments and technologies changes happening in the fiber world.

Barron Kennedy Lyzun & Associates Ltd.
Suite 250
145 West 17th Street
North Vancouver, British Columbia
Canada
V7M 3G4
Tel: (604) 988-2506
Fax: (604) 988-7457
Kenneth E. Barron
President

Barron Kennedy Lyzun & Associates Ltd. provides specialty consulting services in acoustics and related disciplines to a wide range of clients. The privately owned firm has no affiliation with material suppliers of manufacturers, and therefore offers completely independent advice and counsel.

Room Acoustics

Acoustical design and testing of theatres, auditoria, convention and exhibition centres, churches and arenas.

Speech Privacy

Measurement and acoustical design of conventional and open plan office buildings, apartments, hotels, motels and private dwellings.

Community & Environmental Impact

Environmental impact statements, community noise planning, noise mitigation design.

Buildings

Control of airborne and structure-borne transmission loss of walls, floors and partitions.

Industry

Noise surveys; hearing impairment risk, assessment and mitigation, speech intelligibility.

Marine

Design and assessment of compartment noise levels; design of quiet propulsion systems; design checks and refits.

Sound Reinforcement & A/V Systems

Facilities design, functional programming; acoustical feasibility assessments, costing; tender specifications, evaluations; site services during construction.

Basic Technologies Corporation

490 West Side Road
Welland, Ontario
Canada
L3B 5R6
Tel: (416) 735-0510
Fax: (416) 735-5646
Walter Adams
Project Engineer

Over 30 years of development has gone into the Bucket Wheel, a revolutionary one-step dewatering system.

The Bucket Wheel was brought to the Canadian market in the early sixties by Basic Hydraulics Ltd, well known for the design and manufacturing of dredging and dewatering equipment to industry.

A familiar profile at dredging and washing plants throughout Europe, Bucket Wheels, through it's exports, has rapidly gained popularity in North American markets. Bucket Wheels provide a high capacity, energy saving way of tackling course sand, gravel, fine and abrasive silica sand, salt, caustic materials, hot pelletized slag, and even coal and other light materials.

Basic Hydraulics Ltd. has export sales in excess of one million dollars annually with offices in Halifax, Montreal, Burlington, Welland, Saskatoon, Calgary, Edmonton and Vancouver. Major U.S. clients for the Bucket Wheel include American Aggregates in Newark, Ohio, as well as Dixie Sand and Gravel in Tennessee. Bucket Wheels are based on a concept which has been around for a long time, coupled with revolutionary improvements to promote simplicity and practicality. Basic Hydraulics' Bucket Wheel truly provides the most efficient multi-purpose dewatering system on the market today.

BC Gas International

2300-1066 W. Hastings St.
Vancouver, British Columbia
Canada
V6E 3G3
Tel: (604)443-6619
Fax: (604)443-6799
J.R Higginson
General Manager

Incorporated in 1989, BC Gas International is the global arm of BC Gas, one of Canada's major energy companies, with a mandate to offer consultancy services in all aspects of the gas business. Our consulting teams are made up of the company's mist skilled and experienced personnel. Our services include design, construction, installation, technical support and complete project management.

BC Gas is a North American leader in the Natural Gas for vehicles (NGV) industry. We have spear-headed the development of complete NGV infrastructure, including vehicle conversions, a refuelling station network and integrated support programs. We also provide turnkey services from concept to completion for gas utility related projects anywhere in the world, and with a corporate tradition reaching back more than a century, BC Gas has learned and sharpened its expertise in one of North America's largest and most challenging natural gas service areas.

BC Hydro International

970 Burrard St.
Vancouver, British Columbia
Canada
V6Z 1Y3
Tel: (604) 663-2212
Fax: (604) 663-3727
J.E Gemmill
Vice President

B.C. Hydro was incorporated in 1963, and has since then designed and constructed seven major hydroelectric facilities totalling approximately 7000 MW installed capacity and one 900 MW gas fired thermal generating plant. In addition, many thousands of kilometres of transmission and distribution lines have been installed. Services related to the regulatory approval for these plant, together with supporting environmental assessment, environmental protection plans and implementation of programs to enhance environmental resources have been an integrated part of these developments. Continuity of environmental effort through all phases of planning and construction is maintained as these facilities are operated. The delivery of these Environmental Services is achieved using Project Management principles whereby integration of the full range of environmental disciplines is achieved in collaboration with other aspects of project development and operation.

B.C. Hydro International Ltd. has full access to this unique experience in the electricity utility field. In addition to B.C. Hydro's own Environmental staff, BCHIL would bring the specific expertise of other resource specialists from other consulting firms as resource specialists from other consulting firms as required.

Beak Consultants Limited

14, chemin Abacus
Brampton, Ontario
Canada
L6T 5B7
Tel: (416) 458-4044
Fax: (416) 458-7303
Karl Schiefer
General Manager

Beak Consultants Limited is an employee-owned environmental consulting firm which has provided specialized professional services to government and industry for over 30 years. Beak has pioneered the multidisciplinary approach to environmental assessment, planning and management. ICL Interplan Consultants Limited is a

wholly-owned affiliate which complements Beak with expertise in socio-economic assessments, public consultation and environmental planning services. Aquafor Engineering Limited and Geomatics International Inc. are both partially-owned affiliates who provide expertise in urban engineering and geographic information systems applications respectively. All four are located within our Brampton offices and will combine under Beak management to provide the most appropriate professional expertise to address the issues specific to this development planning process.

Our team provides specialists in environmental engineering, systems engineering, environmental planning, soils and geology, hydrogeology, laboratory analysis, aquatic and terrestrial ecology, socio-economic analyses, public and stakeholder consultation and environmental assessment studies.

Beasy, Nicoll, Engineering Limited

4th Floor Bank of Canada Building
1583 Hollis Street
Halifax, Nova Scotia
Canada
B3J 1V4
Tel: (902) 429-8857
Fax: (902) 425-7218
Murray Nicoll
Vice President & General Manager

Beasy Nicoll Engineering Limited is a Canadian Consulting Engineering Company incorporated in 1976. The firm markets its services to government, industry and the private sector in Eastern Canada and overseas in the fields of transportation facilities and environmental engineering.

The Company offers a full range of services from conceptual planning through to project management in such fields of engineering as: municipal infrastructure, structural, environmental control, transportation, marine facilities, The principals have about 70 years cumulative experience in civil engineering, including extensive experience overseas in the Caribbean, Latin America and the Middle East. senior staff have also many years experience in Canada and overseas.

The Company's environmental control services cover a broad range of applications which include both investigative studies and engineering services for environmental protection or pollution abatement, such as water supplies, wastewater collection and treatment facilities, sludge handling, treatment and disposal facilities.

Bechtel Canada Engineers Limited

10 Gateway Blvd.
Suite 200
Don Mills, Ontario
Canada
M3C 3N8
Tel: (416) 467-3100
Fax: (416) 467-8626
R.J. Ionides
President

Bechtel Canada Inc., incorporated in 1949, is a full-service provider of project management, engineering, procurement, construction and environmental services to resource-based industries in Canada and abroad. The company is particularly active, at this time, in petroleum and chemical, mining and metals, hydroelectric power and fossil power sectors.

Bechtel Canada maintains permanent offices in Calgary, Toronto and Montreal and project and site offices from coast to coast. Employees number about 1500, including Calgary affiliate, Bantrel.

Bechtel Canada has a successful track record on small and medium size projects as well as some of the most impressive resource development mega-projects in Canada. Through association with world-wide Bechtel group of Companies, Bechtel Canada offers our clients an outstanding array of services on projects anywhere on the globe.

Beck Drilling & Environmental Services Inc.

1772 Broadway Street
Suite 109
Port Coquitlam, British Columbia
Canada
V3C 2M8
Tel: (604) 942-3284
Fax: (604) 942-5536
Dave Ward
Manager

Beck Drilling and Environmental Services Inc., established in 1990, specializes in the remediation of contaminated soil and groundwater. Modern equipment, highly trained staff, and on-going research and development ensure site specific solutions and vendor satisfaction. Beck is a wholly owned subsidiary of AGRA Industries Ltd.

In addition to providing contract site remediation services, Beck manufactures and sells custom air stripping systems that utilize proprietary technology. Beck is the only company in North America equipped with portable emergency response air stripping capabilities.

Product Specifications

Beck Drilling and Environmental Services Inc. offers the following services;

- Mobile emergency response groundwater recovery and treatment systems
- Soil and groundwater remediation using microbiological degradation systems
- Vapour extraction systems
- Air stripping equipment for treatment of volatile contaminants
- Treatment of contaminated soils using washing techniques
- Rotary augering and sampling of soils.
- Becker hammer drilling and sampling with air rotary and coring attachments.

Belsey Technical Services Ltd.

P.O.Box 326
Prince Rupert, British Columbia
Canada
V8J 3P9
Tel: (604) 627-1983
Fax: (604) 624-6286
William Belsey
President

Since 1980, Belsey Technical Services Ltd. has been providing both Government and Industry with a professional QUALITY CONTROL/QUALITY ASSURANCE Inspection and Nondestructive Testing Services.

Whether the project is underwater, offshore or onshore construction, Belsey Technical Services Ltd. offers the professional services that industries as varied as Pulp and Paper, Offshore Gas and Oil, Resource Development, Heavy Construction, Aircraft Hydro-electric projects, Shipping and Government continue to depend on.

Bennett Remediation Technologies Ltd.

Suite 200
1130 West Pender Street
Vancouver, British Columbia
Canada
V6E A4H
Tel: (604) 681-8863
Fax: (604) 681-6825
Telex: 04-51586
Nigel Bennett
Marketing

Incorporated in 1991, and a member of the Bennett Environmental Group, Bennett RemTech Ltd. designs and manufactures rotary kiln incineration systems for the destruction of hydrocarbons and hazardous waste. Applications for remediation include abandoned refineries, dump sites, and the clean-up of soiled debris after an oil spill. Marketing is directed primarily towards large oil companies, large property owners, and governments. The Bennett RemTech incinerator offers high throughput (10-20 tons/hour), transportability, low cost, ease of installation and continuous emissions testing that is linked to the central control system of the unit.

Export sales this year are expected to total approximately $10 million with a growth rate of close to 300% per annum anticipated for the next five years. Major clients to date include Lago Oil & Transport Co., a division of Exxon Corporation (Aruba), O.I.T. (USA) and Canadian Crude Separators.

Bennett Environmental Consultants Ltd.

Suite 200
1130 West Pender Street
Vancouver, British Columbia
Canada
V6E 4A4
Tel: (604) 681-8828
Fax: (604) 681-6825
Nigel Bennett
Executive Vice President

Incorporated in 1968, Bennett Environmental Consultants Ltd. offers consulting services in the area of oil spill contingency planning and environmental impact studies. Marketing is directed primarily towards government and industrial "oil-spill sensitive" areas, as well as areas where the existing flora and fauna may be effected by progressing industry. BEC specializes in preparing concise and easy-to-follow "action plans" for the oil and gas industry, pulp and paper mills and port authorities. The purpose of these plans is to delegate authority and pin-point all those to be involved in a spill before it occurs.

Overseas business to date has totalled approximately $20 million. With 25 agents throughout the world, BEC's marketing structure is well developed. Anticipated revenue per annum for the next five years is forecast to be $1 million. Major clients have included the Egyptian General Petroleum Corporation; the State of Alaska; the County of Santa Barbara, California; and the Chinese National Offshore Oil Corporation.

Bilt-Rite Disposal Equipment Ltd.

143 Industrial Road
Bolton, Ontario
Canada
L7E 5R9
Tel: (416) 857-0330
Fax: (416) 857-7669
Sal Chiera
President

Bilt-Rite Disposal Equipment Ltd. was incorporated in 1984. It originally started to manufacture steel garbage containers - roll-off-front loader and luggers. It then started the manufacture of roll-off hoists and compactors.

A new 10,000 sq. foot building was erected on three acres of land owned by Bilt-Rite Disposal, completed and moved into in May of 1989.

Bilt-Rite Disposal looks toward expanding its business and increasing its sale volume.

Biobrn Division

7729, Eighth Line South
Hornby, Ontario
Canada
L0P 1E0
Tel: (416) 875-4600
Fax: (416) 876-1854
Cliff Kerr
Manager

Biobrn has been attached to combustion since the 1950's era and worked through designing boilers and burners to incineration of several products or wastes.

Products in the 1985 to 1990 years have been in biomedical waste handling packages, including animal crematoriums. Present interest covers the biomedical waste handling from generator (eg. hospitals) through to final disposal with expertise on design to cope with newer environmental regulations. Negotiations are on-going to have partners in this "Own and Operate" type of facility. Research is in progress for microwave destruction of wastes and microwave recycling such as used tires producing for resale oil, carbon and scrap steel with the gas by-product used to self perpetuate the process.

Bioclear Technology Inc.

1218 Redonda St.
Winnipeg, Manitoba
Canada
R2C 2Z2
Tel: (204) 222-6388
Fax: (204) 222-6563
Murry Dufton
Sales Manager

Bioclear Technology Inc. is a Canadian, Winnipeg based company, that manufactures Sequencing Batch Reactor (SBR) Wastewater treatment facilities. The company has been federally incorporated since 1989. Principals of the company have been actively involved in the design, installation, and operation of the SBR process since 1976, and collectively contribute to over 100 years of specialized expertise in the area of research, design, construction, and automatic controls in the field of wastewater and water treatment technology.

Significant research and development work in SBR technology has been done by BIOCLEAR. Many of the process refinements have been in the area of automatic controls using state-of-the-art computer technology. BIOCLEAR has been a leader in this area with a patent pending PLC control system. This has resulted in process reliability and performance unmatched by other systems.

The BIOCLEAR product line is distributed to the private and public sector via factory authorized sales representatives throughout Canada and the United States.

Bionaire Inc.

2000-32nd Avenue
Lachine, Quebec
Canada
H8T 3H7
Tel: (514) 636-0790
Fax: (514) 636-3139
Neal J. Bastick
Vice-President

Bionaire Inc. designs, manufactures and distributes quality air purifiers, humidifiers, dehumidifiers and water filtration systems. It focuses mainly on achieving interior comfort by improving air quality and the quality and taste of drinking water. Our innovative products are suitable for use in houses, apartments and offices, as we seek answers to the public's growing concern over air and water quality.

Bionaire is an international company that sells its products in large retail stores and by catalogue in more than 40 countries. Two-thirds of its sales are outside Canada, with the United States being the largest market.

We manufacture air purifiers and water filtration systems in our 85,000 square-foot plant in Lachine, Quebec. Subcontractors in Japan, Korea and China manufacture our other products. The Company originated in 1977 and began issuing shares in December 1984.

Blais, Mc Neil et Associes Inc,
3083, Quatre-Bourgeois Rd.
Sainte-Foy (Quebec)
Canada
G1W 2K6
Tel: (418) 653-2652
Fax: (418) 653-9471
Telex: 055-62171
Claude Blais
President

Founded in the early 1960s, Blais, McNeil & Associates Inc. is a fully Canadian firm that provides professional services in the forestry sector. The range of professional services offered by the firm covers all aspects of forestry, including the administration and management of logging companies. The company's regular clientele consists primarily of provincial ministries and departments, parapublic corporations and private firms involved in timber processing, harvesting and forestry development. The firm also carries out projects for the federal government as well as Aboriginal groups.

The firm of Blais, McNeil & Associates Inc. is establishing a growing reputation on the international level, particularly in Africa but also in Central America. In that regard, the firm has acquired experience in tropical forestry, notably in protecting, developing and managing forest resources, as well as experience in forest inventory and industrial diagnosis. The firm also acts as a purchasing agent in several countries.

Boojum Research Ltd.
468 Queen St. East, Ste.400
BOx 19, West Wing
Toronto, Ontario
Canada
M5A 1T7
Tel: (416) 861-1086
Fax: (416) 861-0634
Margarete Kalin
President & Research

Boojum Research Limited is a Canadian company incorporated in 1982 and has pioneered the application of biological solutions to environmental problems. The company's mission is to develop innovative, durable and low cost environmental management solutions, based on ecological engineering and biological polishing, which can be effectively applied to help the mining industries, among others, to comply with the most stringent environmental regulations.

Ecological Engineering and Biological Polishing methods are low cost, natural solutions to decommissioning waste management areas in the mining industry. The technology uses indigenous ecosystems, where aquatic and emergent plants and microbial communities are assisted by engineering measures to improve water quality. These methods are ideal solutions to decommissioning because of their long term stability and low capital and maintenance costs.

Boojum operates with a core of twelve trained professionals providing the required experience in geology, microbiology, geochemistry,, hydrology engineering, mining and metallurgy.

Boundary Layer Wind Tunnel Laboratory

The University of Western Ontario
London, Ontario
Canada
N6A 5B9
Tel: (519) 661-3338
Fax: (519) 661-3339
D.S (Sandy) Staples
General Manager

The Boundary Layer Wind Tunnel Laboratory is an organization of professionals applying their expertise and facilities to a broad range of opportunities and problems involving wind, air pollution and the environment. Studies for industry are performed on a contract basis by a full-time, professional staff supervised by research directors who have a combined experience of over 105 years in the field. The Laboratory has served engineers, architects and designers throughout North and South America, Europe, Asia and Australia.

The Laboratory can help solve a range of environmental problems including the dispersion of pollutants; drifting of and loading from ice and snow; stability of and blow-off from stockpiles and tailing inventories; design and siting of sports facilities; and evaluating wind conditions on city streets. Other areas of expertise include wind climate modelling, transportation facility siting and design, studies of soil erosion and the drift of sprays, wind energy, wind effects on structures, and monitoring the movement of full-scale structures.

Bovar Environmental Services

1313-44 Avenue N.E.
Calgary, Alberta
Canada
T2E 6L5
Tel: (403) 291-1313
Telex: 03-827569
Fax: (403) 250-2340
Bill Berzins
Manager Sales & Marketing

BOVAR provides environmental consulting, instrumentation and waste management services through it's subsidiaries Western Research and Chem-Security Ltd. Western Research has provided air quality, environmental consulting and process optimization services since 1965. Available services include waste treatment, site remediation, environmental audits, site assessments, hazardous waste management, meteorology, ambient air quality monitoring, continuous emissions monitors, air toxics, emissions testing, environmental impact assessments, laboratory testing and waste gas incinerators. BOVAR operates fully integrated waste treatment facility combining incineration, physical/chemical treatment and stabilization. The company also has experience in siting and operating transportable incineration and waste water treatment equipment.

Brinkman & Associates Reforestation

520 Sharp St.
New Westminister, British Columbia
Canada
V3M 4R2
Tel: (604) 521-7771
Fax: (604) 520-196[illegible]
Dirk Brinkman
President

Incorporated in 1978, in business since 1970, Brinkman & Associates Reforestation Ltd. has planted over one third of a billion trees in Canada. In the past ten years it has been Canada's leading silviculture contractor, supplying the whole range of integrated silviculture services; consulting studies, region survey, collection, direct seedling, nursery operations (growing 10 million trees per year) site preparation planting of all species in all conditions, brushing and weeding, thinning, pruning and pest control.

Are main clients are the large forest company's like Cnafor, Fletcher Challenge, MacMillan Bloedel, Crestbrook,

Weyerhauser, Miller Western, Abitibi and many more, as well as the Provincial Governments.

We have also developed training systems to assist Native Bands and other organizations to develop forest renewal expertise. We have hundreds of silviculture workers with up to twenty years experience in our operations as well as technicians foresters and other experts.

Broer Services Ltd.
702 Talbot Street
Aylmer, Ontario
Canada
N5H 2V1
Tel: (519) 773-9261
Fax: (519) 773-2150
Dirk Boer
President

Incorporated in 1971, Broer Services Ltd., has concentrated on manufacturing custom designed products for the last ten years. Several large aggregate systems have been exported into Mexico and U.S. Currently, BROER is investigating a request for granite and marble mining equipment in China.

BROER manufactures custom designed processing equipment products for the aggregate, mining, construction and recycling industries. BROER supplies engineering and design work, installation and start up service for its products, and repair and rebuilding service. Recycling systems are used for tire and wood shredding, concrete, asphalt, construction and municipal wastes. Up to 95% of all waste is recycled, drastically reducing the need for landfill sites. BROER designs equipment for long life with minimal operating cost at maximum production and efficiency levels. BROER has full design capability, including feasibility studies, layout drawings, production capacities and costs. In-house salesmen and various agents market BROER products world-wide.

Buckham Transport, Ltd.
Lot 1, Conc. 3 South Monaghan
P.O. Box 601
Peterborough, Ontario
Canada
K9J 6Z8
Tel: (705) 939-6311
Fax: (705) 939-6763
Moira Kelly
Env. Services Manager

Established in 1945, BUCKHAM TRANSPORT LTD. provides the full range of management and transportation services for all products including hazardous and non-hazardous materials for customers throughout North America.

BUCKHAM is involved in all aspects of waste management. BEST a division of BUCKHAM offers full on-site services including material identification, analysis, handling, transportation and disposal. BUCKHAM's own fleet of specialized vehicles is capable of taking care of any transportation service needed. BUCKHAM TRANSPORT LTD. operates from two locations; a full service yard in Toronto and a Transfer site in Peterborough.

Cashion Associates
1510, 333-11th Avenue SW
Calgary, Alberta
Canada
T2R 1L9
Tel: (403) 262-2888
Fax: (403) 265-0168
Michael W. O'Connell
Principal

Cashion Associates was established in 1981. The firm consists of six management professionals providing comprehensive management consulting services in the areas of strategic planning, business planning & administration, financial planning & management, organizational effectiveness, marketing, litigation support, business valuations and information technology.

The management expertise of our firm is supplemented by the technical environmental experience of one of our professionals who was previously employed as an environmental consultant with a national firm. This blend of technical and management expertise enables us to assist governments and the private sector in the development of management solutions which address issues of environmental management and the maintenance of environmental integrity in the context of competitive market positioning. The firm has advised a significant western Canadian waste management company on strategic marketing issues related to a new waste management facility and a Federal government funding agency regarding operational and marketing issues related to the operation of a plastics recycling facility.

CEF Consultants Limited

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Halifax, Nova Scotia
Canada
B3K 2Z8
Tel: (902) 425-4802
Fax: (902) 425-4807

CEF's specialities are aquatic impact analysis, fisheries management, and public consultation. We offer a successful track record in freshwater fish habitat evaluation, marine stock assessment, fish passage deisgn and evaluation, and fisheries management strategies. Our wide range of fisheries clients includes utilities, mining companies, international development agencies, and quarries. More broadly, our environmental impact services include terrestrial wildlife studies, land use analysis, and socio-economic assessments. We have also coordinated major conferences on environmental policy, supplied secretariate services to environmental task forces. and produced a wide variety of newsletters and brochures.

CEF is on the cutting edge of computer use in planning, and our services include statistical and spatial analysis of environmental data, geomatic tools, and wide area network development. CEF is a member of the Coastal Information Network consortium, and helped found the Atlantic Centre for Remote Sensing of the Oceans.

C-Max Transportation Equip.

26 Conestoga Road
St-Jacobs, Ontario
Canada
N0B 2N0 C
Tel: (519) 664-3796
Fax: (519) 664-3624
Clare Weber
President

Registered the name C-Max Transportation Equip. in Jan 1990. Formally operated as Weber's Fabricating Ltd (Truck Division). (Weber's Fabricating Ltd. is the parent company.) manufacture's of Dump Truck Boxes (aluminium & steel), Trailers, Curbside Collection Recycler trucks, featuring a special dropped frame configuration which permits the lowest loading height in the industry, (aluminium & steel). Specialty Transportation Equip. eg. rendering Bodies used for animal wastes, Grease Trailers for collection of greases from restaurants etc. All sales are presently sold direct. Plans are to setup a dealer in the US to market our Recycler units. Less than 5% of our Recycler units end up in the US through Laidlaw Wast Systems. We expect our

Recycler sales to escalate dramatically over the next 2 years.

C.M.S. Rotordisk Inc.

140 Snow Blvd, Unit 3
Concord Ontario
Canada
L4K 4C1
Tel: (416) 660-7580
Fax: (416) 660-0243
Tom Smity
President

The Company markets a set of proprietary product lines and has a distribution rights for a variety of other companies' products which are complementary to CMS' products. The Company's proprietary products are Rotordisks, Chemdisks, and Filtordisk (B.U.G.S. Filtration). These are described below:

Proprietary Product Lines:

1. Rotordisks

ROTORDISK is the trade name for CMS' proprietary line of Rotating Biological Contactors (RBC's). The RBC process involves the introduction of waste water into tankage that is engineered to provide efficient contact area between the organic material in the waste water and the micro-organisms that will metabolize (breakdown) same.

With over 1,600 installations of various size and capacities worldwide, the Rotordisk design is accepted in all Canadian provinces and most of the United States.

2. Chemdisks

Chemdisks are based upon the same concept as the Rotordisks but with design revisions to accommodate organic effluent from industrial plants. Typically, Chemdisks are used in conjunction with other waste water treatment equipment such as solids separation devices, specialized filters, UV-disinfection units, and PH-buffering tanks.

3. Filtordisk (B.U.G.S. Filtration)

Filtordisks operate as tertiary (advanced) waste water treatment plants. They are applicable for uses in areas where extremely high treatment of waste water is required. Again, building on the basic engineering premise of Rotordisk, Filtordisk units employ a pre-and-post buoyant filtration media that was developed by CMS and the Ontario Research Foundation.

This Buyont Upflow Gravity Self-cleaning (B.U.G.S.) media holds particular opportunity for CMSS insofar as it is highly applicable to the enhanced operations of existing sewage treatment plants using any form of biological treatment methodology.

Canadian Eagle Recyclers

16 Melanie Drive
Brampton, Ontario
Canada
L6T 4K9
Tel: (416) 792-2209
Fax: (416) 458-4149
Marc Mittleman
V.P Marketing R&D

Canadian Eagle Recyclers Inc. (CERI), although a relatively new company, is a consortium of professionals having the expertise, experience and solid foundation necessary to make source separation and recycling of construction and demolition waste viable. The corporation is a joint venture of Bruce A. Brown Association Limited, a full service environmental consulting engineering organization and Greenspoon Bros. Limited, Canada's largest demolition contractor.

Effective May 1, 1990, CERI began accepting clean drywall waste from construction and renovation for processing and recycling. Other recyclable waste materials such as asphalt, brick, concrete, pallets, wood and landscape slash are also

acceptable for disposal at our transfer station.

CERI represents a reasonable, ecological alternative for the disposal of clean or slightly impaired construction material. We can also assist your efforts by spotting our "GREEN BOX" on construction sites for easier source separation of drywall and other recyclable construction solid waste (i.e. brick, concrete, metals & wood).

We are also available to conduct waste audits on your behalf, identifying how and where you can save on disposal costs.

Canatom Inc.
66 Queen St. East
Toronto, Ontario
Canada
M5C 1R6
Tel: (416) 366-9421
Fax: (416) 367-3247
Mr. Alex R. Robertson
Manager Business Development

Canatom Inc., Canada's largest independent nuclear engineering company, was founded in 1967 by the three leading Canadian consulting companies: Montreal Engineering Co. Ltd., Shawinigan Group Inc. (now Lavalin) and SNC Group. Canatom operates out of its offices in Montreal and Toronto. Our staff is backed by the diversified expertise of our parent companies who have a combined staff exceeding 10,000 employees.

Canatom specializes in Engineering, Project and Construction Management for nuclear power plants and heavy water plants. Other services include inspection, expediting, cost estimates, audits, technical reviews, feasibility studies, site investigations and evaluations, plant start-up and operations assistance. Canatom also provides audits of the adequacy of the management of design, construction, start-up and operation of heavy and light water nuclear power plants. Canatom has carried out work in Canada as well as U.S.A., Argentina, South Korea, Rumania, Pakistan and Taiwan.

Canpolar Inc.
4 - 421, Eglington West Avenue
Toronto, Ontario
Canada
M5N 1A4
Tel: (416) 487-1581
Fax: (416) 487-7451
James Rossiter
President

Canpolar Inc., incorporated in 1983, specializes in non-invasive mapping services for environmental applications. These high resolution techniques include ground penetrating radar (GPR), electromagnetic ground conductivity, and magnetometery. The company has unique expertise in collecting, interpreting and displaying information from a variety of sensors.

Applications include: detection of buried tanks, drums and utilities, delineation of contaminants in soils, determination of soil layers and bedrock, detection of voids and tunnels. The results can significantly enhance traditional borehole methods by extending the range of information around holes.

Canspect Corporation

560 Rochester St.
Suite 200
Ottawa, Ontario
Canada
K1S 5K2
Tel: (613) 238-5570
Fax: (613) 238-1360
Telex: 053-3968
Taha A. Qirbi
President

Canspect was established in 1988 as an international independent office engaged in quality and quantity inspection of goods. Although the company is young, it constitutes a developed specialized group of senior engineers who have extensive experience in inspection and control work. Canspect engineers are fully qualified, current with the latest technology, and familiar with the most relevant standards, codes and site practices. Our personnel providing client services take regular courses to keep abreast of the latest standards, methods and technologies. Our technicians and operators are trained to assist in writing specifications, sealing samples, and carrying out audits and supplier assessments.

In summary, Canspect can provide peace of mind to clients by bench marking every step of an operation from the construction of a plant to quality control of the equipment that is installed in the building and the resulting product produced by the new facility.

Cantech Environmental Systems Inc.

2345, Stanfield Road
Mississauga, Ontario
Canada
L4Y 3Y3
Tel: (416) 275-9800
Fax: (416) 275-0947
Michael Smith
Business Manager

Cantech Environmental Systems Inc., formerly Carborundum Environmental Systems Canada Ltd., has been engaged in the marketing, design, manufacturing, project management, commission and start-up of equipment and systems both in Canada and the U.S. for the past 30 years. Its staff consists of professional engineers, technicians, office and production workers. The company's products include settling chambers and cyclonic separators, water cooled ducts filters, wet process gas scrubbers, and Pangborn wheel shot/grit blast machines. Their environmental equipment and systems are used in most industries, Cantech offers either proprietary equipment or complete systems on a turnkey basis with full aftermarket support and service. Cantech specializes in multi-million dollar installations. More than 100 systems are in operation across North America. In some large U.S. installations, the company subcontracts fabrication and/or assembly with local manufacturing concerns while retaining full technical control from its Mississauga head office.

Canukr Development Corporation

504-138 Portage Ave. E
Winnipeg, Manitoba
Canada
R3C 0A1
Tel: (204) 958-4700
Fax: (204) 947-3463
Lubomyr Banias
President-CEO

Incorporated in 1990, CANUKR Development Corporation is a joint venture Canadian/Ukrainian design/build construction firm. The Canadian and Ukrainian partners include experienced engineering and construction firms capable of providing preliminary design and feasibility studies as well as turnkey construction. The firm, through its joint venture partners, has demonstrated capability in various building construction. The firm proposes to carry out construction related services throughout

the world providing Canadian quality of service at competitive costs.

Currently, CANUKR Development Corporation is providing services in the Ukraine Republic (U.S.S.R.). As a new firm, it is looking forward to rapid market development throughout the world.

Catherine Berris & Associates

Suite 250
1508 2nd Avenue West
Vancouver, British Columbia
Canada
V6J 1H2
Tel: (604) 736-6336
Fax: (604) 736-2338
Catherine Berris
President

Incorporated in 1985, Catherine Berris Associates Inc. is firm providing environmental planning services to government agencies and the private sector. As a smaller company with associated professionals, project teams are brought together to suit the needs of particular projects. Services include: coastal and land use planning, recreation and tourism planning, forest landscape management, environmental resource management, and landscape architecture.

The firm is known for its highly advanced computer applications. Geographic information systems (GIS) are used for complex planning projects. Digital terrain modelling combined with imaging are used to simulate accurately and realistically what projects will look like before they are built. The company also has particular skill in solving issues with respect to competing resource interests, using conflict resolution to arrive at plans which all stakeholders support.

CB Research International Corporation

P.O. Box 2010
9865 West Saanich Road
Sidney, British Columbia
Canada
V8L 3S3
Tel: (604) 655-1944
Fax: (604) 655-7131
Bryan E. Imber
President

CB Research International Corp. (CB Research), established in 1986, provides environmental research and development services to both the private and public sectors. Environmental services are provided by personnel with specialized expertise in aquatic ecology, biochemistry, biology, chemistry, microbiology, oceanography and regulatory affairs. CB Research has developed a quality reputation in: environmental audit, assessment and monitoring of terrestrial and marine industrial activities; environmental chemistry (metals, nutrients and organics) and microbiology (degradation and corrosion studies); environmental biotechnology; and environmental hazard and risk assessment.

CBR International Biotechnologies Corp

C.P. 2010
9865 Saanich West Rd.
Sidney, British Columbia
Canada
V8L 3S3
Tel: (604) 655-1944
Fax: (604) 655-7313
Bryan E. Imber
President

CBR International Biotechnologies Corp. (CBR International), established in 1987, provides a product line targeted to resource industries. CBR International is know for its expertise in chemical, biochemical and biotechnological processes with environmental applications. CBR International has developed an in-field detection kit for the mining industry. The Gold Probe™ uses biotechnology to detect the presence of bacterial spores (bacillus cereus) in surface soil.

These spores have been shown to accumulate over gold deposits. During the past three years, the Gold Probe™ has been field tested with the cooperation of several international mining companies, including Cominco Ltd. (Vancouver) and the Geological Survey of Canada. Studies have been made in several geographic regions including British Columbia, the Arctic, Turkey and New Zealand. The Gold Probe™ is designed for in-field use, requires no specialized expertise, and provides overnight results. CBR International is also developing several other products. These include a petroleum detection kit for the oil industry (Oil Probe™), and a site-specific drug delivery system.

CEDA-Reactor Ltd.
6712 Fisher St SE
Suite 200
Calgary, Alberta
Canada
T2H 2A7
Tel: (403) 253-3233
Fax: (403) 252-7584
Derk Martin
Executive VP

CEDA was incorporated in 1973 to provide industrial cleaning services to heavy industry. The company now employs 400 people in some 40 North American locations. Products and services include chemical cleaning, high pressure water blasting, catalyst handling, dredging & pumping, commercial laboratory services, emergency response spill clean-up services, hazardous waste handling.

CEDA has office located throughout the U.S. and has provided chemical cleaning equipment and consulting services to China. Chemicals have been exported to India, and the Company welcomes invitations to tender of other projects worldwide.

CEF Consultants Ltd.
2085 Maitland St., Suite 5
Halifax, Nova Svotia
Canada
B3K 2Z8
Tel: (902) 425-4802
Fax: (902) 425-4807

CEF's specialities are aquatic impact analysis, fisheries management, and public consultation. We offer a successful track record in freshwater fish habitat evaluation, marine stock assessment, fish passage design and evaluation, and fisheries management strategies. Our wide range of fisheries clients includes utilities, mining companies, international development agencies, and quarries. More broadly, our environmental impact services include terrestrial wildlife studies, land use analysis, and socio-economic assessments. We have also coordinated major conferences on environmental policy, supplied secretariate services to environmental task forces, and produced a wide variety of newsletters and brochures.

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Cemcorp Ltd.

2170 Stanfield RD
Mississauga, Ontario
Canada
L4Y 1R5
Tel: (416) 566-7227
Fax: (416) 566-7228
M.A. Coulter
Managing Director

Established in 1984, Cemcorp Ltd. provides process and equipment specialist consulting engineering services to the Industrial Process field, particularly the Food Processing, Distillery, Brewery and Chemical Processing Industries.

Cemcorp Ltd. brings together a small group of internationally experienced highly qualified professional consultants, engineers, manufactures, contractors, and financiers on an "as required" basis.

Representing 65% of total fees in 1991, export services employing the specialized proven technology, "know-how", experience and management skills of its retained team are currently being provided to the U.S., Caribbean, South East Asia, and the U.S.S.R.

Chalmers Suspensions International Ltd.

350 Highwway 7 West
P.O. Box 1000
Brampton, Ontario
Canada
L6V 2L9
Tel: (416) 451-1312
Fax: (416) 451-0132
Harald E. Hoefel
General Manager

Chalmers is a canadian owned and operated company manufacturing a patented lightweight, heavy duty rubber spring suspension for on/off highway truck and trailer applications. This unique suspension separates the support and cushioning functions of a suspension from axle locating and guidance. It is available in both single axle and tandem ranging from 20,000 to 50,000 lb. capacity.

The suspension is particularly well suited to trucks and trailers used in the refuse industry because of its superior articulation, stability and minimum maintenance. Armbro Holdings, a diversified development and construction company, purchased Chalmers suspensions in 1975 and moved the manufacturing facility to their property in Northwest Brampton.
The suspensions are sold to OEMs and users throughout Canada, U.S. and overseas. The company has been in business for 21 years.

Charland Thermojet Inc.

30 Robert St
Ile Bizard, Quebec
Canada
H9C 1H4
Tel: (514) 624-4772
Fax: (514) 624-4776
Claude Charland
General Manager

Formed in 1988, Charland Thermojet Inc., a manufacturer of mixers, produces mixing stations and steam and water mixers to produce instant hot water on demand for general factory cleaning. The main users are food processing plants (dairies, cheese factories, slaughterhouses, etc.), pharmaceutical companies, oil refineries and pulp and paper mills. Our mixers are durable, easy to maintain, and safe - the steam cannot enter the unit directly without water pressure. Thus is it possible to use an automatic closing sprinkler head, thereby saving hot water and energy.
We are not yet exporting, but are very interested in doing so.

Chemco Oilfield Services Ltd.

1020-910-7Th Ave. S.W.
Calgary, Alberta
Canada
T2P 3N8
Tel: (403) 233-2555
Fax: (403) 265-4174
Telex: 03-821172
D.B. Bateman
President & General Manager

Incorporated in 1985, Chemco Oilfield Services Ltd. manufactures decanting centrifuges and flocculation systems for oilwell drilling solids control, drilling fluid stripping, placer mining closed system water clarifiers, gravel pit water clarification, pulp mill waste dewatering, sewerage sludge dewatering, as well as a host of other solids renewal applications.

Marketing is directed towards industries with waste pits or fluid solids problems. Chemco's solids control systems offer an affordable pollution control alternative for today concerned industries. Two sizes of centrifuges are offered. The Variable Speed VS 200 which is a 200 U.S.G.P.M. centrifuge and the Variable Speed VS 600 which is a 600 U.S.G.P.M. centrifuge. Both are light weight, variable frequency driven, easily transportable machines.

Expert sales include Libya, Cuba, and Argentina. A growth rate of over 200% per annum is forecasted for this market over the next five years. Major clients include Gulf Oil Canada, Alberta Energy, Esso Resources, Mobil Oil, as well as several municipalities and pulp mills.

Chemex Labs (Alberta) Inc.

2021-41ST Ave. NE
Calgary, Alberta
Canada
T2E 6P2
Tel: (403) 291-3077
Fax: (403) 291-9468
Jim Steppler
Marketing Manager

Chemex Labs Alberta Inc., a 100% Western Canadian owned company was incorporated in the Province of Alberta in 1972. It was founded on the principle of providing a diverse, comprehensive analytical and field service to meet the needs of the private sector and government agencies. It has established in the Canadian commercial laboratory field as a leader in the hydrocarbon and environmental analysis market. We take pride in our ability to produce highly accurate, extremely defensible results in all areas of our operation.

Marketing is aimed primarily at oil and gas producers, environmental engineering groups and the public sector market. Export sales approach $3 million and have involved procurement and specialty services projects to the U.S. and China on behalf of third party consultant EPC companies. Although our main function is an analytical laboratory, we provide extensive field sampling services for petroleum and natural gas products. We also provide technical staff on contract to assist with specific projects being conducted in research labs, pilot plants, or other process facilities.

Church & Trought Inc.

2 Valleybrook Drive
Don Mills, Ontario
Canada
M3B 2S9
Tel: (416) 391-2527
Fax: (416) 391-1931
John Trought, P. Eng.
Partner

CTI offers an environmental management service, with an emphasis on air pollution issues, designed to assist clients in the long term management of their environmental needs.

The principals of CTI have a combination of 35 years in defining the needs, scoping the

appropriate project response, selecting methodologies and subcontractors as required, and following a project through to subcontractors as required, and following a project through to final execution. In many projects associated with environmental issues we have found that the project definition stage is one of the most important in ensuring the overall success of a project. CTI's experience with environmental regulations, negotiating with regulators, actual field testing and report analysis has proven instrumental in establishing efficient and positive responses to environmental concerns. Assignments that have been completed by CTI have included: Environmental Audits, Comprehensive inventories of emissions from operating facilities, Air Dispersion Modelling, Source Testing

Preparation of Environmental Resource Manual for use by Environmental Engineers.

Cimatec Engineering Inc.

121 Bruce Cres.
Unit 'F
Carleton Place, Ontario
Canada
K7C 3T3
Tel: (613) 257-1595
Fax: (613) 257-5177
J. Graham Parkin
Sales & Marketing Manager

Incorporated in 1987, Cimatec Engineering Inc. manufactures a patented non-ionizing electronic air filter for residential, commercial and industrial applications. Marketing efforts are directed towards residential heating/ cooling contractors in countries where forced-air heating/cooling is commonly used, and towards commercial consulting engineers and heating cooling contractors. Increasingly, Original Equipment Manufacturers of forced-air equipment (such as air conditioning) are incorporating the product into their equipment, and the product is finding use in large industrial air-handling systems to combat indoor air pollution.

The AIRSCREEN electronic air filter is a non-ionizing panel filter for removal of sub-micron lung-damaging particles from recirculated indoor air. Small, light and safe, the Airscreen filter uses a fraction of the electrical energy normally consumed by electronic air cleaning equipment, without generation of undesirable side effects such as ozone gas or electrically charged particles.

Approximately 60% of the company's business is in export sales, primarily to the U.S.A., Britain and parts of Asia. Product is distributed in the U.S. by a sales office located in Syracuse, New York.

Circul-Aire Inc.

3999, chemin de la Côte-Vertu
Saint-Laurent, Quebec
Canada
H4R 1R2
Tel: (514) 336-3330
Fax: (514) 336-3023
Marcel Patenaude
President

For more than 25 years, Circul-Aire has been a leader in designing and manufacturing of industrial air purification systems used to eliminate corrosive, toxic gases and odours found in various industrial environments such as pulp and paper mills, refineries, purification plants, etc. Our systems include the HDS High Density Purifier, the RPR industrial air treatment system, and other systems of air purification, recirculation, refrigeration and

pressurization, in addition to the Multi-Mix chemical media. Circul-Aire also offers quarterly analytical services measuring the level of corrosion and laboratory analyses to determine media performance.

Cascade Technologies manufactures a full range of systems for the filtration of welding dust and smoke. Its main products are: the Airbox filtration unit, the Captaire source capture and evacuation arm, Dust X Modular Series M industrial dust removers; pulse air Dust X, Series P and Dust X with cartridges, Series C. These systems are used for welding, chemicals, moulding operations, woodworking and metal processing.

CIS CAN Sales (western) Ltd.
3880-74 Ave.
Edmonton, Alberta
Canada
T6B 2P7
Tel: (403) 466-3178
Fax: (403) 468-5904
Allan C. Kirby
President

CIS CAN SALES (WESTERN) LTD. is the sole manufacturer of the CATA-DYNE explosion-proof infra-red catalytic gas heater. These heaters are specifically designed to be used in hazardous areas where an explosion proof gas heating system is required. There is no flame associated with the CATA-DYNE heater. CIS CAN has been producing the CATA-DYNE heater for the past 30 years. During this time much research and development has enabled CIS CAN to market a product that is respected throughout the oil and gas industry. The CATA-DYNE series "X" heater carries a national certification for use in hazardous areas, Class 1, Divisions 1 and 2, Group D (CSA C@@-1). They also incorporate a patented catalyst bed. These patents have been issued, or are pending, in Canada, United States of America, Britain and France. CIS CAN's head office and factory is located in Edmonton, Alberta with a sales office in Calgary, Alberta.

Claritek Instruments Ltd.
2495 Haines Road
Mississauga, Ontario
Canada
L4Y 1Y7
Tel: (416) 277-4541
Fax: (416) 277-2588
Greg Reeves

Claritek Instrument Inc., specializes in the manufacture and development of fluid quality monitoring equipment. With a particular application to waste water, Claritek offers an open stream and in-line Suspended Solids Monitor (Turbidity). These units provide full function and output control for environmental and process monitoring.
In addition, a multi-function controller will monitor up to eight water quality parameters including turbidity, PH, DO, ORP, temperature and conductivity.
Custom and OEM applications are easily accommodated by the flexible design of the control unit and sensor assemblies.

Clifton Associates Ltd.
340 Maxwell Crescent
Regina, Saskatchewan
Canada
S4N 5Y5
Tel: (306) 721-7611
Fax: (306) 721-8128
A. Wayne Clifton
Senior Principal
Dennis A. Belliveau
Manager, Civil Engineering

Incorporated in 1978, Clifton Associates Ltd. is a consulting engineering firm specializing in geotechnical and materials engineering. Our areas of expertise include geotechnical, hydrogeological, civil, materials engineering and environmental sciences. Our services include

investigation, design, construction supervision and materials testing.

Clifton Associates Ltd. has com pleted numerous environmentally related studies, hydrogeological investigations for environmental, waste management and water supply studies for potash mines, power plants, steel mills and other industrial clients. The firm is capable of providing engineering services for planning, design, tendering and contract administration for a wide range of projects. Clifton Associates Ltd. is currently working with a consortium of six Saskatchewan consulting engineering firms on a wastewater prefeasibility study for the City of Jinan, People's Republic of China.

Our firm has also formed a computer division for the development of computer assisted techniques, automation in engineering and administrative support for ou own needs as well as for a variety of clients.

Columbia Geosystems Ltd.

1415-28 Street N.E.
Calgary, Alberta
Canada
T2A 2P6
Tel: (403) 273-5152
Fax: (403) 235-6864
Neil McLeod
President

Columbia Geosystems Ltd. was formed in 1973 and has actively been involved in the supply and installation of geosynthetic liners for water and waste containment.

Our plant located in Calgary, Alberta, Canada, produces polyethylene sheet in widths up to 23 feet (7 meters) wide and in gauges of 40 mil to 100 mil (1.0 mm to 2.5 mm). Our present capacity is 12,000,000 pounds per year or the equivalent of 50 million ft2 (4.6 million m2).

Marketing of our products is directed at experienced and well managed installation companies. These contractors typically direct their efforts to Landfill Liner projects, Pulp and Paper Waste Containment, Petrochemical Waste Containment, Municipal Water and Sewage Storage, Mining Leachate Iperations and various Industrial and Recreational Storage opportunities.

All products are fully tested and inspected and meet all U.S. Environmental Protection Agency standards, National Sanitation Foundation standards and other U.S. and Canadian standards. Present sale projections for 1991 are $10,000.00 with expected growth for the next 5 years in the range of 20-25% per annum. Our aim is to support suppliers and installers in other countries with liner products, installation equipment, training and sales support.

Comcor Waste Systems Ltd.

35 Crawford Crescent
P.O. Box 387
Campbellville, Ontario
Canada
L0P 1B0
Tel: (416) 854-0080
Fax: (416) 854-0094
Alexander Magdisch
Vice President

Comcor Waste Systems Ltd., was established in 1985 to provide specialty engineering and consulting services in waste management and environmental engineering. Waste management services offered by Comcor include development and application of advanced waste disposal technology, design of solid waste disposal sites, development and evaluation of landfill operation and management plans, site selection and evalua-

tion studies, and cost analysis of waste collection and disposal options. In hydrogeology and contamination, services include geologic and hydrogeologic investigations, design and implementation of surface and groundwater monitoring programs, soil contamination studies, and design of remediation programs. Other services include the design of landfill gas monitoring programs and venting systems, and feasibility analysis and design of landfill gas recovery and utilization systems.

Comptank Corporation

2 Rural Road
Bothwell, Ontario
Canada
N0P 1C0
Tel: (519) 695-2915
Fax: (519) 695-2114
D.A Faulds
Operations Manager

Incorporated in 1987, Comptank manufactures a F.R.P. (Fiberglass Reinforced Plastic) tank trailer for highway and off road use. These trailers are state of the art construction and are lightweight and extremely strong, and are ideally suited to the transportation of new chemicals and also the hazardous waste market.

These trailers are full vacuum and are ideally suited for spill cleanup. These trailers offer the industry a flexibility to have a great variety of products that cannot be hauled in any other type of trailer.

Approximately 70% of production is exported to the U.S. market, the other 30% for the canadian. Major waster haulers in the U.S. are using our trailers successfully with repeat sales piling up.

Conair Aviation Ltd.

Box 220
Abbotsford International Airport
Abbotsford, British Columbia
Canada
V2S 4N9
Tel: (604) 855-1171
Fax: (604) 855-1017
Robert Stitt
Marketing Manager

Conair Aviation is a specialty aviation company committed to the design, manufacture and operation of aircraft and advanced delivery systems for aerial natural resource protection. The company owns and operates the world's largest private fleet and rotary-wing specialty aircraft, and is primarily engaged in initial Attack forest fire control operations and the design and manufacture of aerial forest fire control systems. The company is also a specialist in large-scale aerial spraying, particularly for oil spill control.

Estimated 1991 exports are $20 million of which 60% are for products and 40% are for services. Conair sees an expanding demand for its products and services around the world due to the increasing incidence of forest fires and major maritime pollution, and the growing emphasis on environmental protection.

Conair offers a range of forest fire and oil spill control training programs to complement its sales of products and services.

Connor Development Services Ltd.

5096 Catalina Terrace
Victoria, British Columbia
Canada
V8Y 2A5
Tel: (604) 658-1323
Fax: (604) 658-8110
Desmond M. Connor
President

Preventing and resolving public controversy, usually about environmental issues, is the focus of Connor Development Services Ltd. which was incorporated in 1968 in Ottawa. In 1972, the firm began workshops and seminars in public participation and social

impact assessment and a quarterly new letter, **Constructive Citizen Participation.** After moving to Oakville, Ont., that year, the company relocated to Victoria, B.C., in 1981 due to market demand in Western Canada.

The company's product is informed, visible, majority public support for client's projects, programs and policies provided through consulting services, staff training, publications and a new 25 minutes instructional video. The firm has completed over 220 projects across Canada dealing with environmental and other concerns about energy, mining, transportation, waste management, etc. Last year's projects were in Halifax, Charlottetown, Ottawa, Winnipeg, Saskatoon, Grand Prairie, Vancouver and elsewhere. This year, workshops are currently scheduled or completed in Ottawa, Toronto, Vancouver, Urbana, Columbus, Ohio and Washington, D.C.

Consolidated Environmental Technologies

#1601-1166 Alberni St.
Vancouver, British Columbia
Canada
V6E 3Z3
Tel: (604) 685-5726
Fax: (904) 685-0534
John Gardner
Vice President

Consolidated Environmental Technologies provides comprehensive services in the fields of hazardous and industrial waste management, particularly in the area of site remediation. The Company can recommend a wide range of exclusive patented and proprietary technologies to manufacturing, mining, refining, real estate, and public agency clients concerned with industrial, municipal, and hazardous waste as well as with general contamination problems affecting air, soils, surface water, and groundwater.

CET has an impressive track record in the treatment of highly contaminated effluents, bringing them to purity levels equalling and exceeding government standards. Specialization is offered in the following environmental services:

- Bioremediation (bio-cell systems)
- Industrial wastewater treatment processes
- Surface and groundwater treatment
- Solvent extraction
- PCB decontamination
- Incineration
- Chemical fixation and stabilization
- Vapor extraction
- In-situ treatment
- In-house treatability testing
- Fixed and mobile laboratory facilities
- Asbestos removal
- Facilities' decontamination
- Emergency response cleaning services
  Dredging and sludge handling
- Contaminated soils and sludge excavation and transportation
- Hazardous waste containment and storage
- Health and safety services
- Site investigation

Continental Amelioration Research Environmentalists

(C.A.R.E.) International Ltd.
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Paul Bercier
President

C.A.R.E. International Ltd. is an Alberta based biotechnical R&D and service company involved in developing and applying innovative biotechnological processes toe nhance industrial production in the energy and mining sectors and to improve, sustain and enhance the natural environment. C.A.R.E. has acquired exclusive licence to a unique technology (ultramicrobacteria) which ha spotential application in areas such as sub-strata pollution containment, in situ bioremediation and microbial capping or lining of pollutant generating sites. This technology development is being supported by the National Research Council fo Canada (NRC) and the Department of Energy, Mines and Resources.

C.A.R.E. is supported by a highly qualified team of academic and industrial microbiologists who have developed industrial strategic alliances to address industrial environmental problems. Extensive market contacts have been established throughout Canada, USA, Western Europe and the Middle East. C.A.R.E. International Ltd. is strategically and technically poised to grasp the enormous opportunities resulting from the global environmental concern.

Control Microsystems Inc.

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Allan Erion
Marketing Manager

Control Microsystems Inc. is a medium sized private, Canadian corporation who have been providing industrial computer control solutions for over 10 years. The headquarters and production facilities are located in Montreal, Quebec with regional offices in Ottawa, Ontario and Calgary, Alberta and representatives throughout Canada and the United States.

Control Microsystems specializes in intelligent remote control and monitoring systems primarily for the environmental, water and waste water, oil and gas, and industrial industries. Applications are as diverse as the monitoring of single pressure or flow measurements over phone lines to the control of large 30 Megawatt electric smelter furnaces. Advantages of the Control Microsystem products include full programmability, strong communications capabilities, integrated hardware (including all the hardware normally associated with a small remote monitoring or control application), and flexibility. These features add up to faster implementation of systems, typically lower installed costs, and higher reliability.

Counterspil Research Inc.

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Laurence Solsberg
President

Counterspil Research Inc. specializes in oil and chemical spill control for facilities and geographical areas of concern. The company has provided cleanup advice at spill sites and has conducted technical studies

relating to accident prevention, emergency response strategies, equipment recommendations, training, contingency planning, contamination assessment and remediation. The preparation and revision of reports, manuals and handbooks on these subjects are demonstrated skills.

The company maintains an extensive library on oil and chemical spills. Information pertains to properties data, fate and effects, contingency planning, and cleanup guidelines and techniques for releases on land and into water. Brochures and test reports have been compiled for most commercial spill countermeasures equipment and materials inclusive of booms, skimmers, pumps, sorbents, storage vessels and incinerators.

Cowan Lavalin Inc.

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Telex: 055-66239
John Ostrander
Director of sales

Cowan Lavalin Inc. was created in 1986 by the fusion of E. & B. Cowan Limited and McGurk. Matthews, Greggain, Lavalin Inc. The experience and expertise of these two constituent companies makes Cowan Lavalin one of the foremost engineering consultants to the forest products industry throughout the world.

E. & B. Cowan Ltd. grew steadily from its formation in 1946, and its commitment to excellence has been recognized throughout the industry. Cowan has left its imprint of uncompromising professionalism on virtually all the significant developments in pulp and paper technology.

McGurk, Matthews, Greggain, Lavalin, Inc. (MMGL), formed in 1969, quickly gained a reputation for several specialty services urgently required by the pulp and paper industry in the '70's: operational improvements, papermachine rebuilds and energy management.

Cowan Lavalin brings together the technical and project management experience of E. & B. Cowan on large-scale projects, the technical experience of MMGL in rebuilds and retrofits, and the enormous resources of the Lavalin Group. This enables Cowan Lavalin to offer clients throughout the world a complete range of services from small studies to major turnkey installations.

Crippen Consultants Div H.A. Simons Ltd.

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Telex: 04-53280
E.T. Laker, P.Eng.
President

Crippen Consultants is a Canadian Consulting firm established in 1954 which currently operates as a division of H.A. Simons offering the services of over 2,500 highly skilled professionals in engineering, environment, and integrated project management. Crippen is recognized internationally for award winning projects in water resources, transportation, and industrial

development. Crippen's success is known for developing environmental strategies and master plans for offshore environmental rehabilitation, for domestic policy development and for infrastructure design projects. Crippen also has international experience in community development, Women in Development (WID), Geographical Information Systems (GIS) technology transfer and institutional development including work in remote locations throughout the world.

Crippen offers services to public and private sector clients. Project teams are designed specifically to meet the needs of the project with attention to providing clients with state-of-the-art technology and approaches to problem solving which are cost- effective and appropriate to providing long term sustainable benefits.

CSSA Consultants Ltée

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Fax: (514) 284-2282
Sam Salley
Vice-président - Exp

CSSA Environmental Consultants Ltd. offers specialty services in the aquatic sciences. CSSA's consultants specialize in biology, physics, geology and chemistry. Professional consultative services can be provided in a variety of languages (French, English, Spanish, Arabic and Italian), and include pre-feasibility and feasibility studies, preparation of resource inventories, preparation of capital and operating cost estimates, project supervision and management, preparation of performance specifications for turnkey contracts, and transfer of technology and training. Services have been provided to Canadian federal and provincial government agencies, national industries, and to the international market, principally in the U.S., North, Central and South America, Africa and Asia.

Studies have included surveys-marine, mineral, groundwater and energy resources; environmental monitoring for water, pollution and marine life; oceanography; remote sensing; computer simulation and modelling; advanced science and technology projects; hydrographic surveys and interpretation; harbour design and maintenance; fisheries and aquaculture; sewage outfall studies; geophysical and seismic studies; environmental statement, assessment and impact studies; pilot demonstration projects; and statistical and quantitative analyses.

Culligan (West Toronto) Ltd.

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Fax: (416) 890-6357
G. McTaggart
President

Founded in 1950, Culligan today is one of the world's largest water treatment companies. But our reputation as a leader is not based on size alone. We've solved some of the world's toughest water treatment problems and met the most exacting purity specifications - in applications ranging from 10 to 10 million gallons a day.
In commercial and institutional

applications, no company has done more to improve the quality of water than Culligan. In hotels and schools, car washes and laundries, hospitals and restaurants - a full line of Culligan softeners, filters, reverse osmosis units, ultrafilters and deionizers are ready to give you exactly the kind of water you need.

"Off the Shelf" equipment allows Culligan to supply standard products for most industrial requirements. This means savings in engineering time while providing ready-made, after sales service manuals and spare parts lists.

Call Culligan for you Water Treatment requirements.

Cusco Fabricators Limited

305, Enford Road
Richmond Hill, Ontario
Canada
L4C 3E9
Tel: (416) 883-1214
Fax: (416) 883-1778
Steve Godwin
President

Cusco Fabricators, Inc., a Waste-Quip Company established in 1969, manufactures an extensive range of equipment used in the removal of liquid, semi liquid, solid and dry waste material. The equipment ranges in size from 100 to 4000 Imperial Gallon mounted on truck chassis, 1000 to 9000 Imperial Gallon mounted on semi trailers. Vacuum Systems on these tanks range from 100 to 4550 Cu. Ft/Min. and can be driven by various power sources. Options such as high pressure wash systems, hydraulic dump systems, full opening back doors and hydraulic vibrators are available.

In 1981 Cusco received certification from the U.S. Department of Transport, A.S.M.E. and National Board of Boiler and Pressure Vessel Inspectors, allowing Cusco to manufacture vacuum equipment used in the removal of hazardous waste materials.

Cusco has established it's reputation as a quality builder of mobile vacuum systems using innovative design and the manufacturing of quality, reliable products.

Cusco's goals are to increase name recognition throughout Canada and the United States using distributors and sales agents.

Custom Environmental Services Ltd.

7722-9 Street
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Tel: (403) 440-1825
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Brian Winters
President

Incorporated in 1985, Custom Environmental provides turn key hazardous waste management services to industrial, institutional and government organizations including manufacturing a line of specialized storage facilities for hazardous waste and new products. The facilities are modular and offer complete protection to the environment with emphasis on safe handling of material.

Export of consulting engineering services, hazardous waste brokerage and treatment technology to developing countries for the management and control of hazardous materials in addition to hazardous waste facility siting and remediation technology transfer using thermal desorption are available. Current clients include the Department of National Defense, Canadian Provincial and Federal governments and major multi-national corporations.

D F Dickins Associates Ltd.

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David Dickins
President

DF Dickins Associates has thirteen years experience in providing international consulting services directed to solving marine environmental problems. The company is recognized as a leading authority on oil spills, computer sensitivity mapping, arctic offshore conditions, and hovercraft (air cushion vehicles). Dickins Associates manages multi-disciplinary research programs involving teams of specialists. This role includes project conceptual design and feasibility, baseline studies, public consultation, environmental impact assessment, and field management. The company is recognized for its high quality computer generated atlases which link different databases on the physical environment, biological resources, human use, and oil spill countermeasures. Environmental design criteria are developed to assist structural engineers and operators involved in the design of vessels and offshore drilling structures.

Dickins work with air cushion vehicles includes route evaluations, technical feasibility, and economic analysis. A recent project (1990) led to the successful use of a freight carrying hovercraft to service a gold mine in a remote area of British Columbia.

The company is a dealer for MapGrafix™, an advanced Geographic Information System (GIS) for Macintosh computers.

D. Greenfield Associates Ltd

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David H. Greenfield
President

Incorporated in 1974, D. Greenfield Associates Ltd., provides environmental engineering design and supervision of operation services to private and public clients in the field of water supply and waster water treatment and disposal with emphasis on the rural and smaller urban communities as well as on industrial waste control.

The company has done work throughout Canada and in the Caribbean where it has designed sewage treatment plants in the range up to 50,000 cu.m. day and put these plants into operation including training of operators. The firm has worked with Canadian Contractors to provide a full design-build service. Many refurbishment projects have also been completed. Plants designed include Arima, Trinidad; Sudbury, Ontario; Fredericton; New Brunswick; Steel Company of Canada, Hamilton; Smithville, Ontario; Freelton, Ontario.

D.G. Malcolm & Ass Inc.

P.O. Box 7033
Saskatoon, Saskatchewan
Canada
S7K 4E5
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David Malcolm
President

Incorporated in 1978, D.G. Malcolm & Associates Incorporated (DGMA) provides environmental engineering, project management and industrial management consulting services to the food processing, agricultural and energy conservation sectors. Specialties include technology transfer, solar and other alternative energy systems, and project development ser-

vices for venture capital financing. Project financing assignments range in size from a few hundred thousand dollars to $200,000,000.

Export sales have increased to approximately &3,000,000 in 1991/92 with 65% in the Middle East and 20% in Southeast Asia. DGMA expects business growth to average 75% per annum over the next five years.

Danatec Educational Services Ltd.

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Robert R. Andrew
Manager, Training

Danatec provides training services and publications to meet the requirements of Canadian Transportation of Dangerous Goods, WHMIS and Hazardous Waste legislations. Danatec's ability to clarify and explain regulatory requirements has led to the design and publication of instructor's manuals, employer's guides, student handbooks, "self-teach" programs and easy-to-read editions of government regulations. Marketing is directed to all companies that handle, offer for transport or transport Dangerous Goods in or through Canada. All employees in Canada will also require WHMIS training (Workplace Hazardous Materials Information System). This legislation also requires specific labelling and information procedures for products manufactures, imported or distributed in Canada.

Darling Duro Ltée

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Roland Zane

Darling Brothers Ltd. was founded in Montreal in 1888 to engineer and manufacture power plant heating equipment such as pumps, heat exchangers and steam specialties. Pumps & softeners acquired the firm in 1971 and renamed it Darling Duro. In 1989 Pumps & Softeners joined The Water Conditioning Group and WaterGroup Companies was formed. Darling Duro now offers a mix of products and services second to none in the industry.

Darling Duro engineers and manufactures industrial pumps up to 10,000 GPM, water treatment equipment for industrial and ultrapure applications, and shell and tube and plate heat exchangers. Exports to the U.S. and Asian countries has focused on the innovative fire pumps and fire pump packaged systems. Exports of fire pumps and unique desalination equipment are expected to be high growth areas over the next five years.

Davcom Communications Inc

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A proven track record... Environmental Science & Engineering is published by Davcom Communications Inc. Davcom was founded in 1975 to provide writing, editing and graphic design services and first published ES&E in 1988. In both advertising and editorial pages, ES&E is now the largest Canadian magazine serving environmental professionals. ES&E became a CCAB audited publication early in 1990.

Davcom staff have also edited reports and designed publications for the University of Toronto, the Canadian Federal Government, the World Health

Organization and the Canadian International Development Association (CIDA).

Davcom produces the Pollution Control Association of Ontario New-sletter and Seminar Proceedings, the Ontario Drinking Water Information Council Bulletins, The Ont. Section AWWA Pipeline and Annual Directories of the Ontario Pollution Control Equipment Association.

David Bromely Engineering (1983) Ltd.

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Kirk M. Morrison
M.A.Sc., P.Eng.

Established in 1980 as David Bromely Engineering Ltd., David Bromely Engineering (1983) Ltd., offers services in the fields of environmental engineering, municipal engineering and urban development. Based in edmonton, the firm also has offices in Calgary, Banff, Fort McMurray and employs over 30 professional, technical and administrative staff.

The firm's environmental engineering services are focused in the areas of waste management, water ans wastewater treatment, site decommissioning and reclamation, environmental audits and environmental impact assessments. A complete range of services including stakeholder consensus development, feasibility stuydies (technical and economic), planning and conceptual design, regulatory permit acquisition, research studies, detailed design and project/construction management, are provided within these areas.

Deep Shaft Technology Inc.

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Fax: (403) 245-5156
Lyle Cuthbert
President

Deep Shaft Technology Inc. brings the deep shaft process of waste water treatment to industries and municipalities across North America. This subsurface waste water treatment process is capable of treating biodegradable domestic and industrial wastes. The process utilizes an inground, vertical aeration reactor of some 60 to 150 m (200 to 500 ft.) in depth. This orientation of the reactor takes advantage of high bottom hole hydrostatic pressure and provides greatly increased oxygen solubility and bioreaction rates while minimizing land usage and power requirements. The process was developed jointly by ICI of the U.K. and C-I-L Inc. of Canada. For the past 12 years, the technology has been employed successfully at numerous projects around the world. Now, the process is marketed exclusively in North America by Deep Shaft Technology Inc., a member of the Simmons Group of Companies. The company is based in Calgary, Alberta, and has a branch office in Toronto, Ontario.

Degremont-Infilco Ltd.

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Tel: (514) 324-6203
Olaf Skorzewski
President

Degremont Infilco Ltd. was founded in Montreal in 1960. Degremont is a world specialist in the processing of drinking water, industrial waste and various effluents.

The company employs 100 people in Montreal and possesses its own means of manufacturing and assembly.

Degremont Infilco Ltd. counts among its clients firms such as Domtar, Imperial Oil and Ontario Hydro, plus municipalities such as Montreal, Quebec City and Sherbrooke. The company has exported to Africa as well as Central and Latin America.

Delta Catalytic Corporation

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Keith McCrae
Vice-président - Exp

Established in 1966, Delta Catalytic Corporation provides complete engineering, procurement, construction, maintenance and tool rental services through its member companies, Delta Projects Inc., Catalytic Maintenance Inc., Dilcon Constructors Ltd., CMI Rentals Inc. and Catalytic Seaforth Ltd. The companies have completed projects throughout Canada, the U.S., the U.K., Europe and the Middle East. Delta designed and constructed Canada's only hazardous waste treatment facility in Swan Hills, Alberta, as well as several water treatment facilities for the in situ heavy oil recovery industry.

Dentech Ltée.

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Serge Houle
Vice President

Formed in 1975, Dentech manufactures the components required in the assembly of compressor units; the compressors come from the parent company Ets. G. Hibon of Roubaix, France, and are assembled in our workshops. We also make acoustic covers for these units.

The United States is our main point of interest. We recently contacted groups interested in selling our products in the states bordering on the Maritimes, Quebec and Ontario. One of our products, the type SIAV compressor, is unique and is of interest to most manufacturers of vacuum trucks used in cleaning operations; a few units have been sold so far.

In 1992, we plan to emphasize multi-stage groups for obtaining a hard vacuum in procedures used in the chemical and petrochemical fields.

Dessau International Ltée

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Jinaid Alam
Vice President

Dessau is a consulting company that was established in 1957 from Desjardins+Sauriol & Associés. Today, the firm ranks among Canada's leading engineering companies, and its remarkable growth has led to the formation to the well-known Dessau Group, made up of 16 specialized companies.

The group employs on a permanent basis more than 600 engineers, geotechnicians, hydrogeologists, geologists, economists, environmental specialists, biologists, archaeologists, geographers, town planners, EDP specialists, technicians, draughtsmen and technical assistants. Its diversified, skilled personnel dispense a full range of services in nearly all of the environmental and engineering fields. The company's growth rate has enabled it to obtain a competent core of directors, engineers and specialists who over the past 34 years have completed more than 3,000 projects in Canada and

abroad, the current value of which is nearly $12 billion.

DGB Systems Integrators Inc.

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Telex: 055-60042
Gaetan Danis
Manager International Products

DGB Systems Integrators Inc. has been providing engineering and project management services for radar, telecommunication and computer systems since 1960. More and more, it supplies turnkey systems that blend advanced information and communication technologies and integrate equipment from different source.

In three decades of working on projects in Canada, and more than 15 other countries, DGB has evolved with the electronics and telecommunications industries.

DGB's experience ranges over radio and television broadcasting, point-to-point and mobile communications, microwave networks, navigation aids, scada systems for the remote control for distribution and communication network, integrated voice and data networks, command, control and communication systems, electronic surveillance, remote sensing, radio spectrum management, air traffic control, urban traffic control and vessel traffic management.

Beyond its own resources, DGB, as part of the SBC Group, has access to the project management skills and techniques of one of the world's largest engineering and constructors.
Major clients have included the Hong Kong Marine Department, Hong Kong, the Canadian Coast Guard, Canada, the Ministry of Communications for the State of Kuwait and Mexico, the Montreal Urban Police, Canada, etc.

Diesel Controls Limited

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M. (Mark) Swiatek
Manager

Incorporated in 1986, Diesel Controls Limited designs and manufactures MINE-X emissions control products for internal combustion engines (diesel, unleaded gasoline and propane) used in confined spaces such as underground mining, tunnelling and construction as well as for industrial engines used indoors. Marketing is directed primarily towards manufacturers and distributors of underground mining and construction equipment as well as manufacturers and distributors of material handling equipment such as forklift trucks.

MINE-X products offer advantages which include high mechanical and thermal durability, easy installation and simple maintenance. Export sales total approximately $ 1 million.
Major international customers include Kawasaki Heavy Equipment of Japan, Wagner Mining Equipment from the U.S. and Schopf Gmbh of Germany.

Major distributors include S.D.S. Pty. Ltd. in Australia, Lake Shore Inc. in the United States, Maquinter S.A. in Spain and Portugal and Atlas Copco in Chile.
Major research laboratories cooperating on the development of new methods of pollution control includes the U.S. Bureau of Mines, Donaldson Corp., and 3M Corp.

Dipix Technologies Inc.

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Fax: (613) 596-4914
Vijay Dube
Marketing Manager

DIPIX Technologies Inc. designs, manufactures and sells image analysis products. It is a private-held company with its head office and manufacturing facilities in Ottawa, Canada. Since its inception in 1978, DIPIX has established an international network for selling, servicing and supporting its customer base in over 25 countries. The Company's sound management, innovative products and continuing profitability commands respect in the international marketplace where over 80 percent of its business currently is conducted.

DIPIX began as a supplier of remote sensing imaging technology. In recent years, the Company successfully developed new services and products from its world-wide experience in imaging technology. Its Industrial System Division designs custom solutions to imaging problems while different product families are developed and manufactured by the following three divisions:

- Remote Sensing
- Microscopic Imaging Instruments
- Board ProductsDresser Pump Division

Dresser Canada, Inc.

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Brantford, Ontario
Canada
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Tel: (519) 753-7381
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J.P. Kenney
Marketing Director

Since 1963, Dresser Pump Division of Dresser Canada, Inc. has researched, designed, developed and manufactured products, primarily for the pulp and paper, mining, and the process industries (petroleum, petrochemical and chemical). Products have been installed and are operating in over 70 countries on every continent, backed by local support services from a vast network of representatives, distributors, agents and repair centres.

Dresser's Brantford operation has a world product mandate for paper stock/process pumps; abrasive slurry pumps; rotary twin screw pumps, internal or external bearing design; rotary gear pumps, internal or external bearing design; vertical pumps, bottom bearing and cantilever design; and mixed flow centrifugal pumps, designed for soft solids handling. The process sump pump and the slurry pumps have been used extensively in FGD systems designed for the electric utility coal fired steam generating stations. The centrifugal pumps are designed specifically for pollution control and waste treatment systems. The vertical sump pumps use the same liquid ends as the horizontal units and are suitable for effluent and wastewater services.

Droycon Bioconcepts Inc.

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Dr. D. Roy Cullimore
President

Incorporated in 1987, Droycon Bioconcepts Inc. undertakes research, development and manufacture of environmental biodectectors and management systems. The company has patents on the BARTtm biodetection system for specific bacteria in water and also is iinvolved in the restoration of biofouled water

wells using the BCHT process. Additional biodetection systems are under development for the biofouling control on golf courses and rapid recognition of clinically important infections.

Export sales of prototype devices is underway primarily to the U.S. marketplace through two distribution networks. A growth rate of 60% per annum has been acheived and it is forecast that this growth rate will continue. Major clients are i the water and hazardous waste remediation industries.

Duratron Systems Ltd.

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Hank St-Onge
President

Duratron Systems Limited was incorporated in 1974 and specializes in cathodic products and slipline technology. Duratron has patented a number of innovative cathodic protection devices for use in underwater and underground applications. Other patents for pipe rehabilitation include "Buttress-Loc" segmented liner pipe for no dig sewer and other pipe replacements. The product is installed through existing manhole or small excavations.

The company is now in the process of setting up a distribution network across the U.S.A. to sell and promote its products. Sales are presently in the $1-1 1/2 million range. To date, we have exported our products to only a few states but have many enquiries for its potential use across Canada and the United-States.

Dynapro Systems Inc.

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Tom Dodd
V.P Marketing

Dynapro Systems Inc. (DSI), established in 1976, designs and manufactures hardware and software products that are used primarily in the industrial process control market. These products involve realtime data collection and processing, interactive graphics for monitoring, and a variety of communications techniques and protocols. Although DSI's original strength lies in the process control field, its products are equally applicable to any area that requires control, communications and operator graphics. DSI also offers the services of its well-equipped plant and highly trained team to companies with electronics manufacturing needs.

The company has a number of new products currently under development. These include realtime expert systems and facilities management systems, as well as industrial networking and communications products. DSI's broad range of products are distributed worldwide by Allen-Bradley Co. of Cleveland, Ohio, and Milwaukee, Wisconsin, a Rockwell International company

Earth Information Technologies

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Brent R. Rowley
President

Earth Information technologies (EIT) is a 100% Canadian-owned company with headquarters in Halifax, Nova Scotia. EIT works with a several companies involved in different segments of

the goematics industry. By combining the strengths and products of these companies with inhouse experience and knowledge, EIT is able to provide total solutions to the geomatics marketplace with the best available systems at the most competitive prices. Full service includes marketing, sales, integration, applications development and service for brand name systems such as CARIS™ in the goegraphic information systems marketplace and EASI/PACE™ for remote sensing. In addition, EIT provides training, consulting and ongoing support to customers throughout their system development life cycle.

Brand name and custom application software products, data acquisition and conversion systems and computer hardware ranging from personal computers, through workstations to minis and mainframes, allow EIT to provide one-stop shopping to the geomatics systems marketplace.

E.D.A. Collaborative Inc.

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Ronald D. Tatasciore
Principal

Incorporated in 1978, EDA Collaborative Inc. is a professional consulting practice of landscape architects, urban designers, and environmental planners, dedicated to design excellence and the integration of man-made and natural environments. The firms responsive project management techniques integrate related disciplines to offer innovative solutions to planning and design challenges for Public and Private Sector clients.

Gross annual sales total over $ 2 million, 80% within Canada. With established offices in Toronto, Edmonton and Hong Kong, EDA is nationally recognized for quality services through numerous design awards and completed projects, on schedule and budget.

Environmental planning and site rehabilitation projects and clients include: Alberta Environment, Canadian Petroleum Association, Suncor, Esso Canada Ltd., Ontario Waste Corp., Ontario Hydro, CN Rail, the government of Hong Kong and several municipalities across Canada. EDA is currently expanding its' Canadian base to include Hong Kong and the Pacific markets.

E.H. Hanson & Associates Ltd.

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Fax: (604) 946-6359
E.H. Hanson
President

E.H. Hanson & Associates Ltd. was incorporated in 1980 to provide Engineering Services in the field of environmental protection, energy production and energy conservation. Environmental protection and production become compatible when dealing with the generation of gases form landfills and other atmospheric pollutants which become none polluting when used as an energy source. The company's primary expertise is in the production, capture and utilization of biologically formed gases. Potential customers are:

a) Municipalities and cities or private entrepreneurs who operate landfills.
b) Owners of vehicle fleets who wish to switch to cheaper and less polluting fuels.

c) Farm animal keepers and producers.
d) Industrial processors who consume large quantities of energy.

The company staff are comfortable working in either imperial or metric units.

E.V.S. Consultants

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Fax: (604) 662-8548
Dr. Gary Vigers
President

Incorporated in 1974, E.V.S. Consultants provides environmental management, technical and advisory services to government and industry in the areas of environmental impact assessment, environmental toxicology, fisheries, land resource science, microbiology, and field and laboratory services. Originating in Canada in 1974, E.V.S. has offices in North Vancouver, B.C. and Seattle, Washington. A third office is scheduled to open in Kuala Lumpur, Malaysia in the fall of 1991. The company is comprised of a team of over fifty experienced environmental scientists, biologists, engineers, and technicians.

E.V.S. Consultants address a wide range of environmental problems including coastal zone management, contaminant fate and effects, site bioremediation, water quality, mining, forestry, and soil reclamation. Clients have included major energy and forest products companies, engineering forms, manufacturers, the U.S. National Oceanic and Atmospheric Administration, Canadian federal and provincial governments, municipalities, and the Canadian International Development Agency.

EBA Engineering Consultants Limited

14535-118 Avenue
Edmonton, Alberta
Canada
T5L 2M7
Tel: (403) 451-2121
Fax: (403) 454-5688
Terry G. Hillaby
Director

EBA Engineering Consultants Ltd. is a Canadian company wholly owned by its senior employees. Founded by Dr. Elmer Brooker in 1966, the firm has grown to become a multi-disciplinary civil, geotechnical, environmental and materials engineering organization with a staff of over 150. In addition to major office and laboratory facilities in Edmonton and Calgary, EBA operates other regional offices in Alberta, British Columbia, Yukon Territory, Northwest Territories, and Alaska. Over the past 25 years, EBA has provided engineering services on more than 12,000 projects. The company philosophy of practice is to bring a high standard of technical expertise to each project.

The primary services offered by EBA are civil and geotechnical engineering, geological engineering, geo-environmental engineering and environmental assessments, materials engineering and quality control testing throughout the natural resources, industrial and urban sectors, including owners, developers, contractors, architects, design engineers, operators, and governement agencies and departments.

Eco Wood Products Ltd.

P.O. Box 73
Concord, Ontario
Canada
L4K 1B2
Tel: 416-669-4340
Fax: 416-669-9945
Bernice Druzin
President

Incorporated in 1972, Eco Wood Products Ltd., recycles all types of wood, skids, crates, reels and wood cut offs.
The above wood is recycled into a product of various sizes of wood chips and sawdust.

This product is used for composting, in manufacturing of particle board, shingles, fuel, filler in plastics and animal bedding. Presently our markets are only in Ontario. We would, however, be interested in exporting.

Ecodyne Limited

2201 Speers Road
Oakville, Ontario
Canada
L6L 2X9
Tel: (416) 827-9821
Fax: (416) 827-8428
Telex: 06-982212
D. Hickling
President

Established in 1958 and headquartered near Toronto, Canada, Ecodyne Limited, one of the world's long-experienced water technology companies, designs and manufactures water and waste treating equipment, cooling towers and evaporators.

Principal markets served by Ecodyne include the power generation industry, oil and gas, chemical production, pulp and paper, mining and general manufacturing, as well as towns and municipalities.

A large team of experienced engineers and project managers, financial strength and collaboration with affiliated companies in the United States, enable Ecodyne to undertake large projects and meet complex specifications.

Export sales total approximately $5 million. Major clients range from Ocean State Power, Quantum Chemical, Hawker Siddeley in the United States to Fushun in China, Oil Refineries in Israel, Chitagong Urea Fertilizer Plant in Bangladesh, and many more in over 30 countries.

Ecolo Odor Control Systems Inc.

122, Fewster Drive, Bloc 8
Mississauga, Ontario
Canada
L4W 1A1
Tel: (416) 625-8664
Fax: (416) 625-8892
Calvin Sager
General Manager

Ecolo Odor Control Systems Inc. is the world's largest exclusive manufacturer of industrial, commercial, and residential odour control equipment. An Ecolo Odor Control System is a self-contained unit, is mounted on the wall, and dispenses the powerful odour eradicator *airSolution*® on a continuous, programmable cycle. *air Solution*® is a careful and considered blend of natural and environmentally friendly ingredients which combine together to eliminate the odour molecule of organically based odours.
For over 15 years Ecolo has eradicated odour problems in facilities ranging from hotels, hospitals, shopping centres, condominium complexes, abattoirs, waste treatment facilities, restaurants, anywhere odours persistently create problems.
Currently Ecolo exports to many countries around the world including Taiwan, Hong Kong, Singapore, Australia, Austria, Portugal, and Norway. Recently

a heavy focus has been placed on expanding the export activities of Ecolo within the United States.

Econofitech Ltee

1255 Boul. Laird Ste 333
Montréal, Québec
Canada
H3P 2T1
Tel: (514) 735-1503
Fax: (514) 735-1505
Telex: 05-825836
Charles Thiry
President

Formed in 1970, Econofitech Consultants offer the following services: Business management Residential and commercial real estate evaluation Exporting and partnership

Our business management consulting services cover the planning, marketing, total quality, human resource training and equipment management sectors.

The consulting services for exporting and partnership include mission organization, meetings between Canadian and foreign industrialists and assistance in the writing of contracts and cooperation agreements.

The Corporation has been active for 22 years on these markets and has consistently maintained a high quality standard, enabling it to enjoy a turnover of between $400,000 and $500,000 on the export market.

We have also prepared a document for the Quebec Department of International Affairs on the exporting of services, dealing with all the technical, commercial, financial and legal aspects involved in the sale of export services.

Elemental Research Inc.

Suite 309
267 West Esplanade
North Vancouver, British Columbia
Canada
V7M 1A5
Tel: (604) 986-0445
Fax: (604) 986-0071
Robert Brown
President

Elemental Research Inc.(ERI) was incorporated in 1987, the company was established to provide advanced analytical services and research using the latest instrumentation for the determination of virtually all metals in a wide range of sample types.

Inductively Coupled Plasma Mass Spectrometry (ICPMS) is used in the analysis of the following.

a) Ultra-pure materials for use in the semi conductor and super conductor industries.
b) Environmental Samples including water, soil, sediments, sludge, and plant and animal tissue.
c) Biological materials such as whole blood, plasma, serum and urine for pharmacokinetics studies in the pharmaceutical industry.
d) Ultra pure advanced materials for total elemental composition.

Export sales approximately $ 1.0 million mainly to the US and Europe, with a growth rate greater than 100% per annum. ERI is a member of an International Network of Laboratories, all specializing in the use of advanced instrumentation.

Emery International Developments

Suite 1
340, Ferrier Street
Markham, Ontario
Canada
L3R 2Z5
Tel: (416) 470-6066
Fax: (416) 470-6505
Roy Emery
President

Emery International Developments Limited is a company of engineers, contractors and manufacturers and was established in 1974. Emery's products

and services include the reduction or elimination of waste effluents from pulp and paper and metallurgical plants, and the recycling of waste papers. The company offers turnkey projects for entire manufacturing plants for pulp and paper and molded products, or separate services including waste paper recycling and effluent treatment or elimination for the environmental protective departments. Emery has supplied, designed and sold whole factories in North and South America, the Caribbean, Middle and Far East Asia, and Western Europe, including Norway, Sweden, and Finland. Supplementary services have been provided in Portugal and Denmark.

Energy Control Inc.
#9, 2611-37 Ave. N.E.
Calgary, Alberta
Canada
T1Y 5V7
Tel: (403) 291-5008
Fax: (403) 291-6671
Ken Coffey
President

Incorporated in 1989, ECI manufactures proprietary Power Demand Monitors for both commercial and industrial applications.

Marketing is directed primarily towards facilities managers of large electrical users such as gas plants, pulp mills, saw mills, office buildings etc.

ECI offers advanced microprocessor based designs that can be easily configured to do automatic or manual electrical load control. Annunciation and communication ports are incorporated in the product for easy interface to any existing control system.

Users include such clients as Shell Canada petroleum, Amoco Petroleum etc.

Energy Pathways Inc. (EPI)
251 Laurier Avenue West, Ste. 500
Ottawa, Ontario
Canada
K1P 5J6
Tel: (613) 235-7976
Fax: (613) 235-2190
Bill Armstrong
President

Energy Pathways Inc., a privately owned Canadian consulting company established in 1979, is headquartered in Ottawa, and has offices in Montreal, Toronto and Winnipeg. EPI offers a full range of consulting services, from initial concepts design to final program implementation.

The company provides environmental operations reviews and services in Canada and the United States for major corporations, including banks and pharmaceutical companies; all levels of government; trade and professional associations; and institutions such as hospitals. Tailoring programs to the individual client, EPI identifies specific opportunities in areas such as waste reduction, reuse, and recycling; waste management; environmentally appropriate procurement; and communications. EPI develops and implements generic tools and approaches for improving waste management practices and is involved in research and management services in the fields of energy, alternative energy, housing, and job development.

Enervac Corporation

700, Franklin Blvd
Cambridge, Ontario
Canada
N3H 3V7
Tel: (519) 623-9890
Fax: (519) 623-8250
John Cheshire
Vice-President

Enervac Corporation, formed in 1978, specializes in oil conditioning and reclamation. Enervac manufactures products that extend the life of hydraulic, lubricating and insulating oils, as well as equipment for the removal of PCBs from fractured are vacuum oil purifiers, turbine oil purifiers, vacuum oil dehydrators which vaporize water from oil under vacuum after filtration, Fuller's Earth Filtration System seal oil purifiers (vacuum degasifies and dehydrates oil after filtration), and waste oil recovery systems. Power authorities, utilities and large manufacturing companies in the U.S. and South Pacific region are Enervac's major clients.

Engine Control Systems Ltd

165 Pony Drive
Newmarket
Ottawa, Ontario
Canada
L3Y 7V1

ENGINE CONTROL SYSTEMS LTD. designs, manufactures and supplies engine emission control products throughout the world. Founded in January 1980, the 100% Canadian company manufactures catalytic purifiers, soot filters, silencers and other devices used on city buses, diesel mining vehicles, forklift trucks stationary engines and other machinery where operators are exposed to toxic emissions.

The company developed the CATTRAP[R] soot filter, which removes over 90% of the soot and almost all carcinogens from the exhaust of diesel engines. For contributing to a direct and measurable benefit to the environment, ECS was awarded the GOLD TROPHY in the 1990 Canada Awards for Business Excellence, ENVIRONMENT Category.

ECS is preparing to meet the CLEAN AIR ACT by offering catalytic purifiers and particulate filters.

ECS can offer a low cost, simple particulate filtration system which has been shown to self regenerate even on low duty, inner city cycles.

In developing countries where smoke emissions can be far higher due to the age of engines and quality of maintenance, ECS catalytic purifiers have demonstrated significant reductions in capacity levels (up to 70%).

Engineering Dynamics Ltd.

Route 15
Carleton Place, Ontario
Canada
K7C 3P1
Tel: (613) 257-5450
William E. Pick
President

Engineering Dynamics Ltd. has since 1982 manufactured a patented air filtration system. The uniqueness lies in the fact that a high voltage electrostatic charge is used to greatly enhance the filtering efficiency of fiberglass filtering media. The Dynamic Electronic Air Filter is used in commercial, industrial and residential applications. The available models are 1" and 2" panel filters for duct mounting applications, 125 cfm and 500 cfm free standing console models and 500 cfm and 1000 cfm ceiling mounted units. The panel filters are available in fifteen standard sizes and can be made to custom

sizes on request. The units are economical to purchase and operate, easy to install, require little maintenance and are easily cleaned.

About 80% of the company's production is exported, the largest single customer being Japan. Applications include, but are not limited to; residential heating and cooling systems, factories, doctors' and dentists' offices, bars, restaurants, central air handling systems in large buildings, schools, hospitals, bingo halls and many similar applications.

Entreprises Vibec Inc. Div. Lemay Vican
P.O.Box 427
Victoriaville, Québec
Canada
G6P 6T2
Tel: (819) 758-7201
Fax: (819) 752-5725
Telex: 05-838597
Henri Wion
Vice President

VIBEC is involved in construction in Quebec, Ontario and Africa.

Its areas of activity include roads, bridges, water purification, dykes and dams, mines, buildings, civil engineering and key-in-hand projects.

In 1977, the company obtained its first contract for James Bay, where it has done more than $125 million worth of work so far. In 1983, Vibec carried out its first contract in Gabon, worth $2.8 million. A second contract for $2.5 million was done in Tunisia. In the Congo, the construction of a $30 million building has been completed. We have just completed a $45 million rural electrification and water supply contract in Gabon, where quite recently, we were awarded a $53 million contract to renovate and extend a building, and to construct two provincial hospitals.

Environment Air
R.R. 134
P.O. Box 10
Cocagne, New Brunswick
Canada
E0A 1K0
Tel: (506) 576-6672
Fax: (506) 576-9838
Tarek Danish
Marketing Manager

Environment Air Ltd. was incorporated in 1981 for the purpose of designing, engineering, manufacturing, assembling, sourcing and marketing products to serve the needs within the heat recovery ventilation industry. The heat recovery ventilation industry is directly related to modern building construction techniques, as new building and home designes call for more air tight structures. Heat recovery ventilators (HRV's) eliminate stale air and indoor pollutants caused by air tight designs. Additionally the products are energy and cost efficients.

Environment Air Ltd. holds about 15% of the estimated market share in Canada and has substantial operations in the United State. Company sales have been steadily increasing from $ 359,000.00 in 1986 to more than 1.6 million in fiscal 1990. Plans are carried out to increase National Market Share as well as open new export markets in Europe and Japan.

Enviro-Safe Chemicals Canada Inc.
833B-50th Street East
Saskatoon, Saskatchewan
Canada
S7K 3Y5
Tel: (306) 933-0505
Fax: (306) 933-4805
N. Sandra (Sandy) Davey
Office Manager, Director

This business plan describes the operations of Enviro-Safe Chemicals Inc. (Enviro-Safe Chemicals Canada). Enviro-Safe markets the products described in

Canada through head office in Saskatoon, Saskatchewan, appointing a distributor ine ahc province, Enviro-Sfae Europe D.V. (The Netherlands), Koram Corp (Seoul, Korea), Enviro-Cycle Pty Ltd. (Australia), John Remoundos (Greece & Cyprus), LM Irrigation Systems, Inc. (U.S.A.) performs the same functions. The business plan describe all operations.

Enviro-Safe Chemicals Canada has acquired technology which will permit the manufacture and formulation of bio-chemical products, synthetic lubricants and environmentally safe industrial chemicals. A major part of this technology is based upon a group of exclusive bacteria culture to degrade the hydro carbon molecule T.C.P., P.C.P. through biological oxidation, which provides a revolutionary break-through in meeting the needs of industry and in protecting the environment.

Enviro-Safe Chemicals Canada will fill a niche in producing environmentally safe custom chemicals for industry. Bio-chemistry processes available exclusively to Enviro-Safe Chemicals Canada Inc. will produce bio-degradable rust removers, metal cleaners, corrosion inibitors and similar products demanded by industry. These products are all non toxic, an important and unique difference from conventional products used for these purposes.

Enviro-Test Laboratories

9936-67th Avenue
Edmonton, Alberta
Canada
T6E 0P6
Tel: (403) 434-9509
Fax: (403) 437-2311
George W. Ruddock
Business Development Manager

Enviro-Test Laboratories was incorporated into the Province of Alberta in 1982. Major clients include the Provincial Department of the Environment, Environment Canada, Environmental consultants, power companies, major agricultural chemical companies, the petroleum industry and chemical manufacturing companies. The laboratory specializes in toxic chemical and complex organic analyses. Analysis of target and non-target organics is accomplished using a variety of "state of the art" instrumentation including eleven gas chromatography/mass spectrometry data systems (GC/MS) including a high resolution mass spectrometer, six HPLC systems and fourteen gas chromatographs (GC) equipped with a variety of detectors. GC/MS is used for final confirmations, determination of specific organics, and non-target characterization. We also have a TOX analyzer for total halide analysis.

Enviro-Test Laboratories is an accredited laboratory in the analysis of trace organics. With professional and technical staff, we have years of experience in the analysis of pesticides/herbicides, dioxins/dibenzofurans, toxic organics and priority pollutants (U.S. EPA and Environment Canada). We have been accredited by the American Industrial Hygiene Association (AIHA) for selected industrial hygiene analysis. The Standards Council of Canada has also accredited Enviro-Test Laboratories for a wide range of routine and non-routine analysis.

Envirodata Ltd.

2162, Winchester Court
Burlington, Ontario
Canada
L7P 3K7
Tel: (416) 336-8478
E.D. Ongley
President

Incorporated in 1981, Envirodata Ltd. is a small Canadian company established to manufacture and market sediment sampling apparatus -- the SEDISAMP System -- for the environmental market. Based on its patents and world-wide experience, Envirodata has formed a partnership with Alfa Laval Sweden and its Canadian subsidiary to produce this light-weight, portable, centrifugal clarifier system. Envirodata has world-wide rights to this technology. The SEDISAMP System is widely used in Canada and the United States by regulatory and research agencies for contaminant monitoring, studies of chemical transport in rivers, suspended sediment bioassay, and in chemical regulatory schemes.

The SEDISAMP System is the only portable centrifugal clarifier (centrifuge) on the market. It permits quantitative capture of suspended solids in rivers and lakes, and on which reside most of the toxicity of river and lake chemistry. The President of Envirodata, and acknowledged world authority on water quality and sediment sampling technology, provides clients with unparalleled functional advice on contaminant monitoring technologies and on water quality monitoring strategies.

Enviro Desorption Inc.

104, 6815-8th Street N.E.
Calgary, Alberta
Canada
T2E 7H7
Tel: (403) 295-6320
Fax: (403) 295-0732
D. Ross Charlesworth
Vice President

Incorporated in 1990, Enviro Desorption Inc. manufacturers by assembling major components, acquired primarily internationally, with a value added component to form high capacity Mobile Thermal Desorption plants used in recycling of hydrocarbon contaminated soils. The company also provides Research and Development services, as well as full spectrum turnkey remediation services and consulting. Total facility development and operating permit acquisition are strengths to the Company.

Marketing is directed primarily towards major oil companies, land developers, transportation industries and government. The Thermal Desorption technology offers a fast, cost effective and environmentally friendly means of contaminated soil purification and recycling.

Export sales are in the infancy stage with all indications of strong growth. The growth rate of more than 150% per annum is forecast for this market over the next five years. Major clinets have included one of Canada's largest financial groups land development division.

Envirogard Products Limited

301 Major Kenzie
P.O. Box 64
Richmond Hill, Ontario
Canada
L4C 4X9
Tel: (416) 884-9388
Fax: (416) 884-3532
Telex: 06-986766
I. Scott MacDonald
President

Incorporated in 1970, Envirogard Products Limited manufactures domestic Water Filters and Purifiers for in home removal of Bacteria, Dirt, Rust, Algae, Taste, Odour, Colour and Chlorine. Water Filters employ easy open design and disposable cartridges. Cartridges can also be

used for industrial or commercial housings. Purifiers employ cleanable, reusable Ceramic cartridges. Marketing is directed at hardware and home centre chains, plumbing wholesalers and distributors. Product advantages include simplified installation and cartridge change procedures, no spills or sprays and unique cartridge design leading to long service cycles.

The company seeks to expand its sales in the U.S., Eastern Europe, Middle East and South and Central America.

Environmental Technologies Inc.
#12 1235 - 64 Ave S.E.
Calgary, Alberta
Canada
T2H 2J7
Tel: (403) 253-1616
Fax: (403) 252-1136
Telex: 038-22600
Dick Collens
President

Turbines to generate electricity, as pipeline quality gas and as feedstock to produce both methanol and clean burning diesel fuel. ETI has developed its own gas cleaning process for biogas and digester gas applications.

At present, ETI is working on several major projects across Canada and the United States totalling in excess of $15,000,000. ETI can provide its own gas recovery/cleaning system, construction supervision, project management and a complete financing package to fund the capital costs of projects.

Enviroseal Engineering Products Ltd.
1310 Rocky Lake Drive
Waverley, Nova Scotia
Canada
B0N 2S0
Tel: (902) 861-3464
Fax: (902) 861-3522
Joe Dunford
President

EnviroSeal Engineering Products Limited, incorporated in 1980, has developed, patented and now manufactures a device for inclusion into fluid process pumps. The seal protector greatly extends the service life of mechanical seals. The seal protector removes any grit from the area of the seal, and circulates a high flow of clean fluid around the seal to remove heat. These two factors combine to extend normal seal life by three to five times normal.

Export sales total approximately $200,000, mostly to the United States. The sales agent in New Hampshire has established a growing network of distributors throughout the United States. Discussions are now taking place with European firms with regard to marketing in Europe. The customer base has ranged from the mining, refinery, petro-chemical, chemical, food processing and marine industries to municipal sectors.

Enviroservices Inc.
2154 Chambly RD Suite 200
Longueuil, Québec
Canada
J4J 3Y7
Tel: (514) 651-9332
Fax: (514) 651-9333
J.M. Lizotte

We are water specialists, all kinds of water; since 1979, ENVIROSERVICES INC. samples it, analyses it, measures its flow, evaluates its quality. We plan its consumption and its treatment. The competence of our team of engineers, technicians and biologists brought to us a public recognition by the "Ministère de l'Environnement" and the "Société Québecoise d'Assainissement des Eaux (SQAE). Marketing is directed primarily towards municipalities, government, private companies and consultant-engineers firms who needs our services. Consolidated

Bathurst (Trois-Rivières), Pratt & Whitney (Longueuil), Domtar, Sidbec Dosco (Montréal), Lavalin (Montréal), are just a few of our satisfied customers.

Services offered

- Flow measurement (potable and wastewater)
- Analysis of water production and consumption
- Supervision of water leak detection
- Sampling and analysis
- I-I study (infiltration-inflow)
- Rehabilitation of sewage systems
- Conformity study
- Water treatment plant opera tion
- Wastewater plant operation
- Environment impact study
- Engineering (design, plans, specification, work supervision).

ERM Canada Inc.

304-100 West Pender Street
Vancouver, British Columbia
Canada
V6B 1R8
Tel: (604) 684-4434
Fax: (604) 669-6968
H.G. Harris
President

ERM-Canada Inc., offers cost-effective solutions to a wide variety of environmental problems. It is one of canada's leading companies in land treatment site evaluation and design, enjoys a national reputation in the fields of ground water exploration and water resources development, and is widely respected for its rational and pragmatic approach to environmental management.

One major field of ERM-Canada's expertise is site environmental assessments, which are often completed under budget and ahead of schedule. Typical: a project undertaken for Laing-Polygon Properties, Ltd., for which ERM-Canada prepared an environmental action plan covering three contaminated sites scheduled for redevelopment. These properties have now been completely redeveloped and landscaped. The company was also involved in preparing an environmental management plan and risk assessment for B.C. Place on the grounds of Expo'86.

ERM-Canada is a recognized expert in both underground storage tank (UST) efforts and environmental work at transportation facilities, having completed an extensive number of underground tank assessments for major transit structures.

ESSA Environmental and Social Systems Analysts Ltd.

3rd Floor, 1765 W 8th Ave.
Vancouver, British Columbia
Canada
V6J 5C6
Tel: (604) 733-2996
Fax: (604) 733-4657

ESSA Environmental and Social Systems Analysts Ltd. is a dynamic and innovative research and development firm dedicated to the formation and implementation of creative solutions to environmental problems. An independent 100% Canadian-owned company, ESSA was incorporated in 1979 to address a need in the community for instruction and implementation of a process called Adaptive Environmental Assessment and Management (AEAM). Since that time, ESSA has broadened it's areas of expertise and conducted over 500 projects in the following fields: computer simulation, ecosystem modelling, database design/ management, statistical analysis, public participation events, audiovidual presentations, and trainign workshops.

ESSA exports products and services mainly to the U.S. and South East Asia. However, recent projects have just been completed in Australia, the Dominican

Republic, Germany, Thailand, and Ecuador. Increased interest in ESSA's services over the past two years has resulted in the doubling of professional staff and the establishment of four offices across Canada.

Eurocan Waste Management Ltd.

100 Leiblin Drive
Halifax, Nova Scotia
Canada
B3R 1N5
Tel: (902) 477-5600
Fax: (902) 477-4809
Peter Haas
Vice President

Established in 1990, this Nova Scotia company manufactures a chemical agent called DEPOCRETE® can be applied in the field or as part of an industrial production process to treat hazardous materials so that the harmful contaminants are chemically stabilized, physically solidified and converted into a safe, concrete-like, potentially re-useable end product. EUROCAN is able to treat a large variety of hazardous substances, these include:

- heavy metal contaminated soil, fly ash and industrial sludges.
- harbour dredging mud and sewage sludge.
- waste oil sludges and soils contaminated with petroleum hydrocarbons.

EUROCAN has a completely portable treatment facility with a treatment capacity of up to 30 cubic meters per hour. Inplant treatment facilities are also available to treat potential industrial pollutants at the source of production. The process is extremetly cost effective.

Evans Consoles Inc.

2080-21 Street N.E.
Calgary, Alberta
Canada
T2E 6S5
Tel: (403) 291-4444
Fax: (403) 250-6549
Michael H. Crombie
Marketing Manager

Evans Consoles Inc., founded in 1979, designs and manufactures a comprehensive line of modular electronic equipment console enclosures and workstations for electrical utilities' EMS, Transmission and Distribution and Telecommunications network control centres. Evans Consoles, with over 70 employees, operates from a modern 31,000 square foot office and manufacturing facility in Calgary, Alberta. Its highly qualified design group and continuing commitment to research and development assures the company's pre-eminence in a rapidly changing electronic and technical environment.

The company's modular console enclosure system utilizes a patented steel and aluminum open loop "g" frame which permits the mounting of a wide range of equipment including standard and PC driven CRT's, telecommunications equipment, printers, alarm and annunciator panels, linear task lighting and paper management. Non-load bearing "clip on/off" exterior panels are offered in wook veener, plastic laminate, fiberglass and 16 gauge steel and can be color coordinated to provide a distinct custom look to each customer's control room.

ExTech Environmental Services Inc.

6725-124 Avenue
Edmonton, Alberta
Canada
T5B 4N5
Tel: (403) 474-0757
Fax: (403) 456-6736
James R. Moses, P.Eng.
General Manager

ExTech Environmental Services is a company who's personnel have many years of experience in the areas of field execution, site remediation

(sampling, analysis, packaging, labelling), transportation and disposal of waste materials.

ExTech, through its association with licensed disposal facilities (in Canada and the United States), provides one of the most comprehensive Environmental Services packages available today. Our services are based on the timely and proper disposal or reuse/recycle/recovery of the waster being handled.

ExTech prefers to see waste materials reused, recycled or recovered, we are very interested in working with Foreign Companies to develop safe and environmentally approved alternatives to landfilling and other non-reuse/recycle/recovery disposal methods. Our goal is to develop a world wide network of Disposal Facilities so that Waste Generating Companies can explore a variety of disposal options and select the best one based on disposal economics in addition to environmental considerations.

F.J. Reinders And Associates Canada Ltd

500-201 County Court Blvd.
Brampton, Ontario
Canada
L6W 4L2
Tel: (416) 457-1618
Fax: (416) 457-8852
Telex: 06-97830
Lex Hoga
Director of Corporate Dev.

With over 25 years of experience, reinders is a multidisciplinary consulting firm providing professional services in the fields of; architecture, electrical, mechanical, and structural engineering, urban planning, coastal and marine engineering, and airports and aviation design. Clients include all levels of government, as well as public and private companies. Reinders and Associates is a member of the Reinders Group, a diversified organization providing total design, construction and development services.

Ferguson, Simek, Clark

P.O. Box 1777
Yellowknife, North West Territories
Canada
X1A 2P4
Tel: (403) 920-2882
Fax: (403) 920-4319
Telex: 034-45619
Stefan Simek
President

Incorporated in 1976, Ferguson Simek Clark is a multidisciplinary engineering/architectural firm which specializes in cold region building and public works designs. With extensive experience in permafrost problems, FSC provides complete in-house designs by professionals who make their home in the arctic. FSC also provides expertise in the northern municipal engineering field. Water, sewer and road designs along with work in the environmental sector are areas FSC is presently involved.

With annual sales of over $3 million and a staff of over 40 technical personnel, FSC is presently working overseas in Costa Rica, Czechoslovakia and the USSR.

Fiberglass Reinforced Plastic Systems

804 Macdonell St.
Thunder Bay, Ontario
Canada
P7B 4A6
Tel: (807) 345-2171
Fax: (807) 345-8215
Telex: 073-4185
Loris Leutri
General Manager

In business since 1979, FRP Systems designs, manufactures and installs industrial corrosion resistant fiberglass products primarily for pulp and paper, chemical, air and water pollution control, petrochemical, mining and water treatment applications.

Through various products such as FRP pipe, duct, stacks, hoods, tanks, scrubbers and many other custom items, industry can better handle an array of corrosive situations with safety and assurance of longevity.

We have been exporting exclusively into the U.S. for the past six years. Total exports (approximately $250,000.00) account for 10% of total annual sales. Exports have consistently escalated yearly with an annual growth rate of about 20%. Major U.S. clients have come from the pulp and paper and chemical processing sectors.Five Seasons Comfort Limited

351 N. Rivermede Rd.
Concord, Ontario
Canada
L4K 3N2
Tel: (416) 669-5620
Fax: (416) 669-5356
Mr. Howard David
Vice President

Five Seasons Comfort Limited and its associate company, Electro-Air Canada Limited have been manufacturing residential, commercial, and industrial air purification equipment, since 1962. Distribution is mainly through the HVAC, houseware/ hardware, office supply and food service industries, as well as companies specializing in clean air. As a sideline, Five Seasons manufactures Golf Ball Retrievers for the sporting goods industry.

All products are designed for the high-end market and are superior in efficiency, durability, ease of use and economy. Five Seasons products are shipped across the U.S.A. from a central office/warehouse in Springfield, Illinois. Overseas export sales include thirteen countries within Europe, the Middle East, and Pacific Rim. Five Seasons is experiencing an export growth rate of 20 % per annum with the growing global awareness of air quality.

Fluor Daniel Wright

1444 Alberni St
Vancouver, British Columbia
Canada
V6G 2Z4
Tel: (604) 684-9371
Fax: (604) 687-6130
Telex: 04-5436
Jim M. Nelson

Wright Engineers Limited, established in 1946, is a company of consulting engineers and constructors. Wholly-owned by Fluor Daniel Canada since 1988, and with a network of over 50 Fluor Daniel offices worldwide, Wright offers a full range of engineering, construction, maintenance and environmental services with a turnkey approach.

Wright's environmental services expertise is focused on three areas: facility support, regulatory compliance and remedial services. More specifically, the services which offer include:

- Permitting
- Environmental Audits
- Environmental Data Management
- Air Quality/Air Toxics Services
- Wastewater Treatment
- Hazardous Waste Design & Construction
- Incineration
- Underground Storage Tanks

- remedial Investigation & Feasibility Studies
- Contaminated Soil & Groundwater Remediation
- Noise Control

Fonderie Laperle 1985 Inc.

106 Montée de La Basse
B.O. Box 148
St-Ours, Québec
Canada
J0G 1P0
Tel: (514) 785-2205
Fax: (514) 785-5588
Telex: 055-62487
Gilles Gaigneault
General Manager

Laperle Foundry Inc., a cast iron foundry, is in operation since 1904. Initially a manufacturer of cast farming equipment, the foundry soon changed it's specialty and began producing cast iron construction castings; manhole and catch basin frames, covers, grates, etc...
The current daily production exceeds fifty tons, all made in accordance with class 30 of ASTM specification A-48. More than half of the production is for export markets such as other canadian provinces and United States, where sales are made through local agents or distributors.
The foundry operates it's own pattern division and can therefore assist in the development and fabrication of all patterns required.

Fonderie Grand-Mère Ltée

888, 7th South Avenue
Grand-Mère, Québec
Canada
Tel: (819) 538-3314
Fax: (819) 538-3788
Gilles Daigneault
General Manager

Fonderie Grand-Mère Ltée has been producing cast iron and iron alloy castings ranging in weight from less than 0.5 to more than 2,000 kg (1 to 5,000 lb.) for industry and municipalities for over 70 years. Each year their foundry produces more than 3,000 tons of cast iron products for customers in Canada and the U.S., such as manhole covers. The raw materials used to make their castings are carefully selected and controlled. The company will custom mould if existing moulds are not suitable. Quality parts are produced for water and sewage systems and for the chemical, paper, forestry, and aluminum industries.

Footage Tools

145 Fenmar Drive
Weston, Ontario
Canada
M9L 1M7
Tel: (416) 746-2911
Fax: (416) 746-8906
Henry Chwiecko
Engineering co-ordinator

Established in 1982, Footage Tools is a manufacturer of custom field tools for the buried utility industry. As a division of one of Ontario's largest underground utility contractors, Footage Tools products are developed with first hand knowledge of field requirements. The equipment is used in the natural gas distribution, water distribution, and underground boring segments of the construction industry. Footage Tools is the only Canadian company specializing in natural gas, water, and underground boring equipment.

Products include patented underground piercing tools, PE heat fusion equipment, pipe squeeze off tools, saddle fusion machines, watermain tapping machines, cable pullers, leak detection tools, and cable/conduit handling equipment. Distributors are located throughout Canada and the United States.For International Ltée
468, rue St-Jean
Bureau 11

Montréal, Québec
Canada
H2Y 2S1
Tel: (514) 849-4146
Fax: (514) 849-9678

FOR International Ltd. was founded on July 29, 1983 and offers consulting services in forestry.

FOR is equipped to compile forestry data and establish cutting diagrams based on available resources and needs, or quickly provide statistical studies required for project development. The firm recruits its staff among foresters who have acquired solid experience both in Canada and in developing countries.

Forestry engineers with experience in the firm's range of services put their professional skills to use exclusively for FOR International Ltd. Technicians specialized in photo-interpretation, inventory, cartography, forestry development and design provide the necessary technical support.

Moreover, a number of professionals in various disciplines work closely with FOR when mandates extend beyond forestry and require the intervention of specialists in agriculture, hydrology or other fields.

Foratek Inc.

2251 St. François Road Dorval, Québec
Canada
H9P 1K3
Tel: (514) 683-2860
Fax: (514) 685-1925
Telex: 05-821643
J.J. Tremblay
President

The company was incorporated in Quebec in 1967 under the name of Services Techniques en eaux souterraines, which was changed to Foratek Inc. in 1978.

Foratek Inc. is now a wholly-owned affiliate of Foratek International Inc., a publicly-owned company formed in 1987. Foratek is involved in studies and projects in the fields of environment, underground water, drilling and injection.

Foratek Inc. is a group of professionals, hydrogeologists, engineers and geologists, assisted by geological technicians, who carry out consultative projects. It owns and operates a fleet of diversified drilling facilities along with pumping equipment and various injection units.

Foratek Inc. has diversified experience in the field of environment, including the characterization and restoration of dangerous waste sites, sanitary landfill sites, contaminated ground, etc.

Foratek Inc. also prepares injection plans for its clients.

Fraser & Beatty, Barristers & Solicitors

P.O. Box 100, 1 First Canadian Place
Toronto, Ontario
Canada
M5X 1B2
Tel: (416) 361-2391
Fax: (416) 863-4592
Michael I. Jeffrey
Head Env. Law Group

The law firm of Fraser & Beatty was founded in Toronto, Canada in 1839 and today has grown to over 200 lawyers with offices in Toronto, North York, Ottawa, Vancouver and Hong Kong, and is affiliated with the firm of McMaster Meighen in Montréal, Québec. Fraser & Beatty offers its clients a full range of legal services.

With expertise and experience developed over the past 15 years, Fraser & beatty is at the forefront among Canadian law firms in the field of environmental law. Headed by Michael I. Jeffery, Q.C., formerly Chair of the Environmental Assessment Board of Ontario, the Environmental Law Group combines the diverse backgrounds and perspectives of nineteen practitioners with in-depth expertise in a broad range of areas of law.
The Environmental Law Group provides legal assistance to clients in all aspects of environmental law and in the related areas of

occupational health and safety and transportation of dangerous goods. In responding to the increasing diversity and complexity of environmental problems, it is important to provide necessary related expertise in litigation, real estate and planning law, corporate law and legal research. The Group's emphasis and strength are on this multi-disciplinary approach.

Frenger Canada Inc.

10410-172 Street,
Edmonton, Alberta
Canada
T5S 1H1
Tel: (403) 489-3338
Fax: (403) 484-4490
Jack Preston
President

Incorporated in 1986, Frenger Canada acquired the license to manufacture radiant heating systems for Canada and the United States. FRENGER PANELS are being acknowledged as an energy and cost saving way to produce heat. Installations have been incorporated into hospitals, nursing homes, schools, museums, laboratories, office buildings and all commercial facilities because of the low maintenance and environment friendly nature of the product.

Frenger heating is recognized in all areas where extreme climate temperatures occur and because of the comfortable environment produced, the designs and uses of the product are numerous. The ceiling mounted radiant panels are most popular because they do not take up any perimeter space. Specially designed panels are being installed where security is of concern such as airports, prisons and young offender facilities. Frenger units can be concealed or highlighted as a design feature. They come completely assembled and ready for installation.

Fuel Maker Corporation

1066 W. Hastings Street
Box 12503
Vancouver, British Columbia
Canada
V6E 3G3
Tel: (604) 684-4269
Fax: (604) 684-4289
Bruce F Vernon
Manager, Marketing

FuelMaker Corporation manufactures refuelling systems for natural gas vehicles. The "FuelMaker" appliance hooks up to a commercial or residential natural gas supply for refuelling one or two light vehicles. The company sells a variety of accessories including a device for coupling several appliances together for use with larger vehicles. FuelMaker Corporation provides factory service support and training of installation and service personnel. The appliance incorporates oil free compression technology and microprocessor-based controls. It is safety certified in Canada, the United States and Sweden; certification in several other countries is pending.

Export sales since deliveries began in 1990 account for 40% of the company's productions with sales offices in the USA and Switzerland. Sales in Australia and the Benelux countries are through licensees. Distribution, at this time, is through natural gas utilities. Utility clients include: Consumers' Gas (Toronto), Pacific Gas and Electric (California), Gaz de France (Paris), and AGL (Sydney).

G.A. Borstad Associated Ltd.

Suite 100
9865 West Saanich Road
Sidney, British Columbia
Canada
V8L 3S1
Tel: (604) 656-5633
Fax: (604) 656-3646
Gary Borstad
President

G.A. Borstad Associates Ltd. is a research and applications company incorporated in 1983, specializing in remote sensing for efficient mapping and monitoring of both terrestrial and marine environments. The use of both airborne and satellite sensors allows it to address a wide variety of time and space scales. Borstad Associates has developed airborne mapping techniques for water quality, fish schools, intertidal and terrestrial vegetation and has carried out more than 40,000 km of airborne surveys in North America and Europe. With extensive field and analytical experience, the company owns and operates a state-of-the-art Compact Airborne Spectrographic Imager' (CASI) which it helped design. This small and flexible instrument is ideally suited for mapping a wide variety of environmental parameters, is easily and rapidly transported to remote locations and produces data which can be directly imported to digital Geographic Information Systems.

Gartner Lee Limited

140 renfrew Drive
Suite 102
Markham, Ontario
Canada
L3R 8B6
Tel: (416) 477-8400
Fax: (416) 477-1456
Bill Balfour
Principal

Gartner Lee is a Canadian multidisciplinary environmental consulting firm specializing in environmental planning and management. Since incorporation in 1972, Gartner Lee has become one of Canada's largest hydrogeological companies and has completed over 3000 projects for federal, provincial, and municipal governments, as well as private industry. Gartner Lee Limited has worked extensively throughout Canada as well as the United States, Europe and the Middle East. Our professional team has undertaken projects, including solid waste management, resources management, environmental impact assessments, environmental audits, contaminated site remediation and spill response.

Gartner Lee's staff of over 75 professionals offer a complete range of services including hydrogeology, engineering geology, environmental geotechnique, hydrology, biology, engineering geophysics, earth sciences and environmental planning.

G.E.T. Industries Inc.

C.P. 640
98, chemin Rutherford
Brampton, Ontario
Canada
L6V 2L6
Tel: (416) 451-9900
W. David Martin
Président

G.E.T. Industries Inc., incorporated in 1975, currently manufactures a broad range of Comminution Equipment utilized in the shredding and screening of domestic waste water. Incorporating an Auto-Coupling Slide Rail System, the equipment is protected from flooding and allows for ease of removal in order to facilitate maintenance requirements.

Submersible motors and Reverse Clearing Control Panels provide additional protection from flood conditions and heavy solids loading.

General Chemical Can. Ltd.

201 City Centre Dr.
Mississauga, Ontario
Canada
L5B 3A3
Tel: (416) 896-9595
Fax: (416) 276-6594
Vello Erics
Sales Manager

General Chemical Corporation traces its roots to 1899. In that year Nichols Chemical was merged with eleven other chemical companies to form General Chemical. In Canada, the company continued under the name Nichols Chemical until 1958, when it became one of the founding companies of Allied Chemical Canada Ltd. The name changed to general Chemical Canada Ltd. in 1986. Today the company operates North America's only synthetic soda ash plant at Amherstburg, Ontario, and also manufactures alum at six locations across Canada. Two of these locations, one at Valleyfield, Quebec, and the other at Barnet, British Columbia, manufacture packaged dry alum and are ideally situated for export sales.

Alum is used with rosin to provide sizing and as a retention aid in paper making, and as a coagulant and flocculent in raw water treatment and wastewater treatment. Ground alum contains 17.0% Al2O3 and is available in 20 kg., 40 kg. and 50 lb. bags, pelletized for ocean shipment.

General Liquid Engineering, Ltd.

327 Hilton Drive
Stoney Creek, Ontario
Canada
L8E 2N4
Tel: (416) 662-5200
Fax: (416) 662-5206
Anthony Bratschitsch
Sales Manager

Formed in 1983 and incorporated in 1986, General Liquid Engineering Inc. (GLE) designs and manufactures vacuum conveying equipment for the industrial, mining, and utility markets. These machines are used in environmental pollution abatement and industrial spill clean up applications. GLE customizes each machine to suit each customer's unique waste or spillage problem. The company has been successful in solving problems where others have failed due to its experience and technology.

Export sales are approximately $1 million and are currently entirely concentrated in the U.S.A. GLE us looking to establish relationships with agents to develop more market presence.

Generation 5 Technology Ltd.

575 Park Street
Regina, Saskatchewan
Canada
S4N 5B2
Tel: (306) 721-2362
Fax: (306) 721-2474
Len Exner
Manager, Corporate Relations

Generation 5 Technology Ltd. was incorporated in January 1985 with the objective of developing, acquiring, integrating and distributing computer software for computer aided design and drafting in the engineering, architectural, municipal and land related information systems markets.

Generation 5 Technology Ltd. has focused its research and development efforts on methodologies and software which integrated local and host databases with the graphical display capabilities provided by microcomputer-based AutoCAD software.

These efforts have led to success ful development of the Geo/SQL GIS software and the Geo/TOOLS family of mapping, GIS, and spatial analysis tools. Geo/SQL has been successfully implemented in a variety of applications including municipal, transportation, oil and gas, environmental disaster management,

power, airports, ports, irrigation, assets and facilities management, electoral mapping and basic surveying and engineering applications.

Geobac Technology Group Inc.

1113 Regent Street
P.O.Box 3240, Stn. B
Fredericton, New Brunswick
Canada
E3A 5G9
Tel: (506) 451-1991
Fax: (506) 457-2100
Victor K. Nowicki, M.Sc.
President

Geobac Technology Group offers innovative and cost effective services in assessments, audit and cleanup of environmental contaminants. The company bridges the gap between consulting and contracting services in the environmental fields. Together with our affiliate companies we provide full service options and complete remediation services. Innovative approaches to remediation and economic options are generated by the company which has extensive pratical experience in contaminant control and clean-up. We specialize in bioremediation, aeration and pump and treat systems to remediate both soil and groundwater. With biosassays, laboratory and field design work, together with the use of indigenous microorganisms or through use of our extensive library of selected naturally occcurring adapted microorganisms, we can generate systems to treat various organic chemicals such as; halogenated organics, PAH's, oils and greases and petroleum hydrocarbons. Geobac Technology Group will combine with local companies to transfer technology and train these partners.

Geo-Engineering (M.S.T) Ltd.

#9 1915 - 32 Ave. N.E.
Calgary, Alberta
Canada
T2E 7C8
Tel: (403) 250-8850
Fax: (403) 291-0186
M. Stepanek
President

Geo-Engineering (M.S.T.) Ltd. was founded in 1984 by its Owner and Principal Consultant, Milos Stepanek. The Company specializes in geotechnical engineering and engineering geology, serving the needs of the civil, petroleum and mining industries in Canada and abroad with high quality technical services. Gao-Engineering is incorporated in Alberta and is 100% Canadian-owned and operated by its employees.

Geo-Engineering serves industrial and government clients ranging from small communities and private operators to large national and international corporations. A variety of consulting services are provided, including preliminary and detailed geotechnical investigations, analysis and design studies. Recent projects have involved pipelines and transmission lines, highways and railways, dams, lagoons and tailing ponds, industrial plants and facilities, open pit mines, quarries and tunnels, residential and commercial developments, and slope stabilization and groundwater control. The Company has also participated in and can mobilize multidisciplinary task groups to undertake a diverse range of engineering and environmental assignments.

GeoVision Corporation

1600, avenue Carling Suite 200
Ottawa, Ontario
Canada
K1Z8R7
Tel: (613) 722-9518
Fax: (613) 722-5385
Karen Westwood
Marketing Manager

GeoVision, a leader in the geographic information systems (GIS) industry, is committed to the development, sale and support of enterprise-wide GIS solutions throughout the world. GeoVision's GIS is one of the most powerful in the industry. And their users are some of the most dynamic and enterprising; using GIS to manage utility transport networks; to facilitate the management of outside plant and other utility operations; to solve the planning and information management challenges of all levels of governement; and to manage resources for entire countries. GeoVision is introducing the VISIO* family of modular software products. VISION* introduces major advances in GIS database management and open systems architecture, and support for the next generation of network computing and location transparency. With VISION*, organizations can generate maximum leverage from their information technology investment because GeoVision's GIS solution provides rapid start-up and continued long-term payback from GIS system investment, (Tel: 613/722-9518)

Glegg Water Conditioning, Inc.

29, Royal Road
Guelph, Ontario
Canada
N1H 1G2
Tel: (519) 836-0500
Fax: (519) 837-3067
Roni Waters
Market Research Coordinator

Glegg Water Conditioning Inc. is the leading North American manufacturer of superior quality water conditioning system for Industrial and High Purity customers. Glegg offers large, custom engineered systems as well as a complete line of reference design equipment. Our total product line consists of filters, softeners, dealkalizers, demineralizers, decarbonators, reverse osmosis units, ultrafiltration equipment, condensate polishers, neutralization systems, chemical injection stations and related water treatment equipment. The flow rates handled range from 50 gallons per minute in some cases, to in excess of 3,000 gallons per minute in others. Both custom design and reference design products are based on conservative engineering, maintained delivery commitments and a competitive selling price.

Glegg Water Conditioning Inc. is a multi million dollar company that has exported primarily to the U.S.A. Recently a sales office in Houston, Texas has been established. Some clients have included Bechtel Corporation, Union Carbide, AT & T network Systems, IBM Corporation, Ogden Martin Systems, Westinghouse Electric, Formosa Plastics, International Paper Company and Boise Cascade to name just a few.

Golder Associates Ltd.

2180 Meadowvale Boulevard
Mississauga, Ontario
Canada
L5N 5S3
Tel: (416) 567-4444
Fax: (416) 567-6561
J.M. Boyd
President

Golder Associates Ltd. is a Canadian consulting firm specializing in the fields of hydrogeology, hydrology, environmental and geotechnical engineering, engineering geology, rock mechanics and realted geosciences. Established in Toronto in 1960, the firm operates 15 offices across Canada, employing over 450

people. Typical clients for environmental services include local, national and international petroleum, chemical, mining, industrial, forest products and nuclear firms, municipal, provincial and federal governments and legal and financial institutions.

Typical environmental services include site audits, groundwater contamination investigations, design and quality assurance supervision of site remediation and decommissioning schemes and comprehensive municipal, industrial, hazardous and mine waste management services.

The firm is part of an international group of Golder Associates companies, with some fifty offices throughout the United States, Australia and Europe and more than 1200 employees. From this worldwide office network, projects have been completed in 110 countries.

Gormely Process Engineering

612-1200 West Pender Street
Vancouver, British Columbia
Canada
V6E 2S9
Tel: (604) 688-2729
Fax: (604) 688-9502
Lynton Gormerly
Principal

Gormely Process Engineering is an unincorporated consulting form formed in 1983 that markets the know-how and experience of Lynton S. Gormely, Ph.D., P.Eng. Lynton Gormely is a U.B.C. graduate with a Ph.D. in Chemical Engineering. He has a broad background in process research, development, and design engineering. His specialization is in hydrometallurgy, with interests in industrial waste treatment, environmental auditing, computing, air dispersion modelling, and mineral economics.

Professional services offered encompass the following activities:
research and development management and advice, covering all phases of chemical process metallurgy including treatment of metallurgical wastes.

Flowsheet development and conceptual design.
Engineering calculations and software development on an IBM compatible microcomputer.
Pilot program design and supervision.

Owner's representative services during design, construction, and start up of new plants.
Troubleshooting existing processes.
Technical presentations and reports for submission to regulatory agencies, financial institutions, etc.

Environmental audits.
Interfacing with government agencies.

Graeme & Murray Consultants Ltd.

1137 Yates Street
Victoria, British Columbia
Canada
V8V 3N1
Tel: (604) 388-9161
H.R.M. Murray
President

The Company has been practising Consulting Engineering since 1973 in the fields of Structural and Civil Engineering. Its main interest is in Highway and Bridge Engineering and Structural Design of buildings. It has also developed specialties in the detailing of steel girder bridges and the design of floating breakwaters.

The Company has developed computer software capable of storing models for use in Highway Design of lengths up to 30 km at one time. The Company

has been producing geometric designs for over $1 Billion dollars worth of highway construction, most of which is in mountainous country with the balance in urban areas.

Graeme & Murray Consultants Ltd. has provided computerized programs controlling steel plate cutting to fabricators down to California including U.S.I. for over 30,000 tons of steel.

Grand Falls Industries Ltd.

88 Powers Rd.
P.O.Box 799
Grand Falls, New Brunswick
Canada
E0J 1M0
Tel: (506) 473-1950
Fax: (506) 473-5700
Yvon Lajoie
General Manager

Incorporated in 1948, Grand Falls Industries has a complete Machine Shop facility and Hydraulics operations, complemented by our Modern Metal and Alloy Fabrication Plant, supplemented by our Jurisdictional approved Quality Control Program.

We have had projecs that sometimes require surface preparation ranging from wire brush cleaning (SSPC-SP3) to sandblasting (SSPC-SP10). Surface coatings are applied to Customer Specificaitons.

Our offices and shops are located in Grand Falls, N.B., next to the Trans Canada Highway, CN and CP Rail line. We are only four hours by road from the International Port facilities of Saint John, N.B.

Export sales to the United States total approximately, 1 million dollars.

Green Earth Technologies Inc.

72 Carlton Street, Suite 201
Toronto, Ontario
Canada
M5B 1L6
Tel: (416) 515-7155
Fax: (416) 515-7158
Thomas W. Lembo

Incorporated in 1990, Green Earth Technologies is engaged in the development, construction and operation of remediation and recovery technologies for industrial and commercial wastes including both solids and liquids. Clients typically are large volume waste generators in both the public and private sectors, the majority of whom are situated in the United States. All technologies are designed to meet or exceed both State (Provincial) and Federal regulations.
Sales are developed through independent brokers and agents, and operations are underway in the Province of Ontario as well as the states of Pennsylvania, Ohio, New Jersey and New York.

Gregory Geoscience Limited

1794, Courtwood Crescent
Ottawa, Ontario
Canada
K2C 2B5
Tel: (613) 224-9565
Fax: (613) 226-5224
Elizabeth Moore
Marketing Director

Gregory Geoscience Limited was established in 1973 to develop and practice multidisciplinary methods of analyzing the regional environment and exploring for natural resources. The company specializes in the analysis of remote sensing, correlative data and field observations, and offers a broad range of skills and experience in remote sensing, GIS, geology, geography; land cover, agriculture, water and forests; mineral exploration; temperate, arid, tropical and arctic regions; visual and automated interpretation; and digital analysis.
The sales division, PROCOM SYSTEMS International, markets the PROCOM-2 instrument which merges aerial photographs and

satellite images with other data sets. PROCOM SYSTEM's zoom lenses allow 3 to 72 times magnification of data for correlation to any map scale. PROCOM-2 can be used alone or as a data enhancement system for inclusion in a GIS system.

Application modules for Stereo/Change Detection, Digitizing and Roll Film Scanning are also available. This system is presently being used in 27 countries for forestry, agriculture, land use and geological applications.

Groupe Conseil Entraco Inc.

455, St-Antoine Ouest Street Suite 201
Montréal, Québec
Canada
H2Z 1J1
Tel: (514) 954-8800
Fax: (514) 954-8818
Louis Archambault
President

Founded in 1982, GROUPE CONSEIL ENTRACO INC. relies on a multidisciplinary team of specialists and two subsidiaries working in the environmental sciences and land-use planning and development. The firm has grown constantly since its beginning; minimum annual increase in revenues has been 30%. Groupe Conseil Entraco Inc. now employs a staff of more than thirty serving a diverse clientele in many sectors of the economy.

Entraco has considerable experience in the following areas:

- Environmental impact assessment studies
- Management of urban waste
- Soil investigation studies
- Studies for dredging work
- Studies on compliance with environmental regulations or criteria
- Design and execution of geographic maps
- Computer-assisted cartography and visual simulations

Specialists in a variety of fields (engineering, agriculture, forest engineering, biology, geomorphology, urban planning, landscape architecture, hydrogeology and geography), our professional staff work with the latest in equipment and software to meet a wide variety of needs, handling the smallest to the largest project, the simplest to the most complex.

Groupe LMB Experts-conseils Inc.

1500-1060 Côte du Beaver Hall, Montréal
Canada
H2Z 1S8
Tel: (514) 393-8983
Fax: (514) 393-9451
Telex: 055-61198
Jean Roquet
V.P. International Market

Founded in 1966 under the name Lemieux, Morin, Bourdages, Doucet, Simard & Associates, the LMB Group now includes a staff of approximately 350 employed in five offices throughout Quebec. Our fields of expertise and our past accomplishments are described in the company's promotional brochure, available on request.

The LMB Group is a company registered with the Canadian government. Its shareholders are all employees of the firm and are all Canadian citizens.

In Canada, the LMB Group operates in practically all regular fields of engineering, but abroad it concentrates its efforts on three sectors: mineral resource development and production start-up, optimization of forestry resources and timber processing (from the sawmill to the pulp and paper mill), training and development of human resources.

Exports account for approximately 25% of the firm's business volume.

Groupe Sani Mobile Inc.

6500, Rive Sud Blvd, Suite 350
Levis, Québec
Canada
G6V 7M5
Tel: (418) 835-3750
Fax: (418) 835-6679
Louis Larivière
Finance Vice President

A Canadian company registered on the stock exchange, Groupe Sani Mobile is involved in environmental protection and industrial cleaning.
The specialized services provided by the Group are designed for industrial and commercial, maritime, municipal and government users.

To respond rapidly and safely to the equipment maintenance needs of its customers, Groupe Sani Mobile uses various techniques, the main ones being televised inspection of sewer systems, vacuum pumping and cleaning by hydrolaser.
Recycling is another of the services provided by Groupe Sani Mobile. Waste oils and hydrocarbons are recovered and then recycled by our affiliates.
Prevention is another aspect of the services provided by Groupe Sani Mobile. We propose emergency intervention plans for potential crisis situations and for the specific needs of each company. In addition, we are actively involved in collecting hazardous domestic wastes in cooperation with the municipalities.

Groupe Sanivan Inc.

1705, 3rd Avenue
Pointe-aux-Trembles, Québec
Canada
H1B 5M9
Tel: (514) 353-9170
Fax: (514) 353-9545
Jean Paquin
Vice President

Consolidated Environmental Technologies (CET) of Vancouver acquired the Sanivan Group in December 1990. Sanivan offers a full range of services in the following sectors: environmental services in the fields of site rehabilitation and decontamination; industrial cleaning and dredging, transportation of hazardous materials and the manufacturing of specialized equipment for environmental protection.
Founded in April 1985 under the name of Sanexen, CET is wholly owned by the Sanivan Group.
CET Environmental Services is involved in the restoration of contaminated sites, water treatment, and the management and decontamination of industrial wastes. Moreover, it provides detailed service in PCB management, decontamination of soil and water, the recycling of transformer shells, decontamination of mineral oils, etc.
The company has proven itself in environmental emergencies where site restoration and intervention are required. Major projects piloted by the organization include the work at St-Basile-Le-Grand, Quebec, the closing of the town of Gagnon, Quebec, and the cleaning of tar from the bay at Sydney, Nova Scotia.

Groupe Serrener Inc.

360, St-Rock Nord Road
Rock Forest, Québec
Canada
J1N 2T3
Tel: (819) 864-6877
Fax: (819) 864-7954
Lawrence W. Perry
Vice-President

Incorporated in 1988, Groupe Serrener Inc. based in Quebec works solely in waste management, the corporate structure includes Consulting (Serrener Consultation Inc.) Operations-Systems-Equipment (Valoraction Inc.) Full laboratory with R & D capabilities (Crealab Inc.). Activities include: Permitting waste sites, characterization studies, site assessment and

treatment, recycling for municipal, commercial and industrial sectors, landfill and leachate management, sludge dewatering and treatment, composting technologies for organics recovery and re-use, and appropriate systems equipment.
These activities are support by a multidisciplinary staff of 40 + professionals trained in civil, environmental and agriculture engineering, biology, chemistry, physics, environmental science, agronomy, forestry, hydrogeology.

The client base has had significant growth. Export business in N/E USA is 10% of total sales which should double over the next 3 years.

Guildline Instruments Ltd.

P.O Box 99
21, Gilroy Street
Smiths Falls, Ontario
Canada
K7A 4S9
Tel: (613) 283-3000
Fax: (613) 283-6082
Michael Shaw
Sales Director

Guidline Instruments Ltd. is a leader in the field of electrical meteorology. Established in 1957, Guidline exports its products worldwide. Guidline supplies instrumentation and standards to standards laboratories of our 46 nations and is known internationally for its instruments that make measurements outside of the precision and accuracy of conventional instrumentation. Products range from DC current comparator bridges and potentiometers with a resolution of one part in 10 million, to their new AC-DC Thermal Transfer Standard which provides a degree of AC measurement never before attainable in a commercially available instrument. The research and development section of Guidline is also involved in the field of oceanography. A full range of oceanographic instrumentation is produced providing continuous vertical profiles of sea temperature and salinity as functions of depth with an unprecedented degree of precision and accuracy.

H. H. Angus & Associates Ltd

1127, Leslie Street
Don Mills, Ontario
Canada
M3C 2J6
Tel: (416) 443-8360
Fax: (416) 443-8380
David Hopper
President

H. H. Angus & Associates Ltd., is a large consulting engineering company, founded in 1919. The firm is headquartered in Toronto, Ontario with offices in Ottawa; London, England; and Dallas, Texas. The primary focus of the company is mechanical, electrical, and vertical transportation engineering and project management for recreational, commercial, industrial, institutional, and educational buildings in Canada and beyond. H. H. Angus's services include stack dispersal analysis, air quality monitoring, environmental and noise impact studies, and in the design and engineering of industrial ventilation and exhaust systems, industrial waste treatment and hazardous waste treatment from pharmaceutical plants, laboratory services and fume hood exhaust systems. The company has engineered and managed the construction for numerous prestigious facilities in the markets currently served.

One of specific interest is the Health Protection Building in Toronto where many environmental issues, such as bacterial contaminant, have been addressed. The firm has international experience in the United States, England, France, Bermuda, Bahamas, Puerto Rico, Saudi Arabia and Nigeria.

H. Fontaine Ltée

1295, Sherbrooke Street
Magog, Québec
Canada
J1X 2T2
Tel: (819) 843-3068
Fax: (819) 843-1006
Bernard St-Aubin
General Manager

Founded in 1964, H. Fontaine Ltd, design and manufacture a complete line of stainless steel submersible pumps and sluice gates.

Stainless steel submersible pumps are design to withstand the severest of environment conditions such as: extreme temperatures; contaminated fluids; and acid or alkaline solutions. Capacity of standard pumps are from 100 to 6000 gpm (U.S.) and the power is from 1 to 200 HP. Over 6000 gpm or 200 HP, the pumps are built on order only. The pumps are used for water and waste water treatment plants as well as for industrial applications such as pulp and paper mills, mines, handling of chemicals, construction, etc.

Stainless steel sluice gates are used mainly for water and waste water treatment plants. Each gate is designed with specific features to meet particular needs, whether a simple irrigation system or a water treatment plant, in which they can be used from headworks to outfall.

Over 40% of sales are exported, mainly to the United States. Products manufactured by H. Fontaine Ltd. are installed, or in the process of being installed, in Venezuela, Algeria, Gabon and Philippines.

Descriptive pamphlets are attached. Technical drawings and specifications are available on request.

H.A. Simons Ltd.

425 Carrall Street
Vancouver, British Columbia
Canada
V6B 2J6
Tel: (604) 664-4315
Fax: (604) 669-9516
David Ganshorn
Managing Director

H.A. Simons Ltd. was founded in 1944 to serve the forest products industry and its fields of expertise include all the disciplines within the forest industry, waste treatment and disposal; water resource and hydroelectric development; transportation; food, beverage and consumer products; materials handling; and, mining and mineral processing. The largest member of an international group of consulting engineering companies, Simons has been responsible for projects in over 60 countries. Simons, a recognized world leader, has won various awards including The Environmental Engineering Design Award from the Association of Professional Engineers and geoscientists of british Columbia for the environmental upgrade of a British Columbia pulpmill.

The company offers a range of services including strategic planning; feasibility studies; pollution assessment and waste management consulting; environmen-

tal impact assessments; waste handling and facility operations; investment analysis and financing advice; engineering design; project and construction management; plant start-up; and, industrial training and operations assistance.

Hallam Knight Piesold Ltd.
Suite 658
409 Granville Street
Vancouver, British Columbia
Canada
V6C 1T2
Tel: (604) 685-0545
Fax: (604) 685-0541
Robert L. Hallam
President

Today's environmental problems are unique in their complexity and innovative solutions depend on the integration of best available technology with economic and ecological interests. Hallam Knight Piésold Ltd. of Vancouver, British Columbia, comprises a group of experienced and talented professional biologists who understand the complex needs of both industry and the environment, and provide environmental solutions in concert with sustainable resource development. We offer the following environmental and technical services: environmental impact assessments, pollution monitoring and surveillance, environmental chemistry and toxicology, environmental engineering, environmental audits, permits, licenses and approvals, waste treatment technology, waste characterizations studies, fisheries biology, water quality, hydrology/limnology, meteorology, soils, vegetation, wildlife and periphyton/benthic invertebrates.

Hammant Car & Engineering Limited
29, Dunbar Ave.
Hamilton, Ontario
Canada
L8H 3E3
Tel: (416) 547-2391
Fax: (416) 547-0981
Larry Benjamin
Sales Manager

Hammant Car & Engineering Limited is a Design and Manufacturing Company for Custom Designed Material Handling Equipment. This Company began in 1906 manufacturing mine cars. Since 1955, it has specialized in Transfer Cars and Trailers; developed a standard Product Line of Luggers and Roll-Offs; most forms of Dumping Equipment; and other Products used extensively in the Scrap Industry. All products are steel fabricated, and are powered by any combination of electrical, hydraulic or mechanical means. The company also has special expertise in machinery involving steel wheels running on steel rail. If requested or required, our Engineering and Fabricating Departments are capable of designing and fabricating to specific needs and requirements. While Hammant Car has exported to other countries, the United States is our main country of export.

Hardy BBT Limited
219, 18th Street S.E
Calgary, Alberta
Canada
T2E 6J5
TEL: (403) 248-4331
FAX: (403) 248-2188
Stewart Campbell
General Manager

Hardy BBT Limited is an engineering and environmental services companies with 28 permanent offices in Canada and the United States and an international office in Tanzania, Africa. The company is a wholly subsidiary of AGRA Industries Limited, a Canadian public stock engineering company with revenues of Can $274 million in 1990. Hardy BBT provides consulting services in geological and geotechnical engineering, water resources, surface hydrology,

hydrogeology, environmental services, geophysics, materials engineering, agriculture and food and applied chemistry. A full scope of environmental services is provided in all phases of a project from feasibility studies, site selection, environmental impact assessment, agency reviews, design and construction, operations monitoring, regulatory compliance, site abandonment and reclamation. Projects include dams, reservoirs, canals, water resources, mines, tailing ponds, pipelines, and commercial, industrial and municipal structures and properties.

Hatch Associates Ltd.

21, St-Clair Avenue East
Toronto, Ontario
Canada
M4T 1L9
Tel: (416) 962-6350
Fax: (416) 962-0622
E. H. Nenniger

Hatch Associates Ltd., incorporated in 1955, provides environmental protection services for new and existing process plants and for transportation facilities and scale modelling of actual working conditions; dynamic computer simulations; stack dispersion analysis; fume system design; prediction of noise levels by computer program; air quality monitoring and impact; industrial ventilation; solid wastes/effluent treatment; water pollution; and heating, ventilating and air conditioning. In the area of industrial health and safety hazards, toxic materials inventory, illumination, noise control, and linking workplace, ambient environments.

Comprehensive engineering services are provided to the metallurgical industry, including all phases of steel and non-ferrous operations from ore processing to finished products. Their Process Group is responsible for feasibility studies, new process development, pilot plant investigations, process design, environmental control projects, and start-up of major industrial facilities. Their head office and their branch offices throughout eastern Canada and in the U.S. serve clients in 30 countries worldwide.

Hatfield Consultants Ltd.

201 - 1571, Bellevue Avenue
Vancouver West, British Columbia
Canada
V7V 3R6
Tel: (604) 926-3261
Fax: (604) 922-4099
Chris Hatfield
President

Hatfield Consultants Ltd. is one of the Hatfield group of companies and was established in 1974. Environmental services have been provided to over 300 private and public sector clients nationally and internationally. Hatfield Biotechnology was established in 1985 as a technological development body to research aquacultural resource development. The company provides many environmental services including fisheries and wildlife resource development, pollution control, planning for oil and hazardous material spills and environmental impact assessments. In conjunction with technology gained through research at Hatfield Biotechnology, Hatfield Consultants has provided its services in the developing filed of aquaculture. Services in spill contingency planning and environmental impact assessment have been provided to numerous countries worldwide.

HCI Waste Plan

3335 Yonge Street, Suite 405
Toronto, Ontario
Canada
M4N 2M1
Tel: (416) 322-3124
Fax: (416) 322-6652
James Hiraishi
Principal

HCI WastePlan is a firm consulting environmental engineers specializing in the field of waste management engineering and planning. The firm evolved from J.A. Hiraishi Consultants Inc. which practised as an independent consulting company for over six years. The tow principals of the firm have a combined experience of more than 30 years of which over 15 years have been spent solely in the field of waste management.

Highly specialized services to municipalities, industries and other consulting firms are offered to solve complex problems associated with the handling and disposal of municipal and industrial wastes. Areas of expertise include siting of landfills, conceptual and detailed design of municipal landfills, design of hazardous waste management systems, design of leachate and gas control systems, waste collection productivity studies, remedial works designs, site operations advice, closure designs, land reclamation, site decommissioning and expert testimony.

Henderson, Paddon Environmental Inc.

212-945-3rd Avenue East
Owen Sound, Ontario
Canada
N4K 2K8
Tel: (519) 376-7612
Fax: (519) 376-8008
Frank C. Ford, P. Eng.
President

The Henderson, Paddon Group is a multi-disciplinary consulting organization specializing in engineering and environmental technology. Henderson, Paddon & Associates Limited, incorporated in 1972, provides engineering services relating to roads, bridges, water supply and sewage treatment. Henderson, Paddon Environmental Inc., incorporated in 1990, specializes in waste management, hydrogeology, environmental audits and site cleanup, and groundwater resource development.

HPE staff combine experience in a wide variety of environmental projects, with academic qualifications in engineering, hydrogeology, chemistry, biology and related fields. Our professionals are dedicated to solving clients environmental problems, and combine practical, cost-effective strategies with up-to-date technical expertise to achieve this objective.
The guiding principle of the Henderson, Paddon Group is to provide the appropriate expertise and approach to each project so as to produce the most satisfactory and economical overall solution for our clients.

Hickling Corp.

350 Sparks St., 6th Floor
Ottawa, Ontario
Canada
K1R 7S8
Tel: (613) 237-2220
Fax: (613) 237-7347
Telex: 053-4238
Brian Waters
Partner

Hickling Corporation, established in 1975, offers professional consulting services. Our staff includes a qualified professionals, including scientists, economists, engineers and statisticians.

Hickling has implemented and participated in projects in over fifteen developing countries pertaining to institutional and commercial development in railways. Our work has focused on: cost reduction by improving management efficiencies; optimi-

zation of traffic management; developing an understanding of the railways' competitive position in the transport market; developing an awareness of the need for change in the strategic approach of railways; and, improving the level of influence and the role of marketing within railways. Hickling's skills and experience in the areas of Manpower Planning, all facets of training, Organization Development and Institutional Development have all been applied to the rail sector in developing countries.

Hickling has also developed a simplified traffic costing system under contract to the World Bank as part of the Sub-Sahara Africa Transportation program. The system known as OSCAR (Operational Simplified Costing Model for African Railways) brings the power of modern railway costing systems designed for mainframe computers to an IBM PC.

Hipp Engineering Ltd.

Suite 200, 520-6th Ave. West
Vancouver, British Columbia
Canada
V5Z 4J5
Tel: (604) 874-2302
Fax: (604) 874-5025
G. Jerry Vandyk
V.P Operations

Incorporated in 1973 Hipp Engineering Limited provide a full range of engineering and project management services to the pulp, paper and other process industries. Hipp is part of the Simon Group of Companies which comprises more than sixty organizations in manufacturing, engineering, contracting and industrial services. Our combines experience in the pulp, paper and recycling sectors is extensive and worldwide. Support by the parent company provides Hipp with the added flexibility to offer turn-key projects internationally. Hipp's specific pre-development services include the technical process design, equipment specification, building design, cost estimating and scheduling. We also critique the project for environmental impact and financial feasibility. Once the project is in the construction mode Hipp offers project management services including permitting, procurement, expediting, construction management and commissioning. Hipp currently has projects (or are actively quoting thereon) in Africa, Asia, Australia, Europe as well as North and South America.

Holmsen Forestry Ltd.

540 Shannon Way
Delta, British Columbia
Canada
V4M 2W5
Tel: (604) 943-7784
Fax: (604) 943-0797
Karsten Holmsten
President

Karsten Holmsen, the president of Holmsen Forestry Ltd., accumulated twenty years of forestry experience, several in senior forest industry positions, including two years as project manager in Kenya, East Africa, prior to forming his own consulting firm in 1976. The firm operated as a proprietorship until it was incorporated as Holmsen Forestry Ltd. in 1981.

The firm provides short term consulting on domestic and overseas projects in the following fields: forest and forest appraisals and valuation, integrated resources planning and development, harvesting planning, systems, equipment selection and cost analysis, feasibility studies,

forest economics, forest management, forestry education and training, special projects. Multidisciplinary teams of associated, qualified specialists are formed, as required, to meet the need of more complex assignments and studies. The firm also provides services to overseas clients in the sousing, purchasing, reconditioning and shipping of used logging equipment.

Hornal Consultants Ltd.

Suite 401
1755 W. Broadway
Vancouver, British Columbia
Canada
V6J 4S5
Tel: (604) 731-2697
Fax: (604) 731-0244
Robert Hornal
President

Incorporated in 1984, Hornal Consultants Ltd. provides consulting services in minerals management, government regulation, community participation and environmental and socio-economic assessments. The principles of the firm have over thirty years experience in working with governments, aboriginal peoples and resources companies in resource development projects including Beaufort Sea oil and gas development, Yukon and Northwest Territories mine development, a smelter project on Vancouver Island, native land claim settlements, community land use planning and several projects involving the Canadian Environmental Assessment and Review Process.

Hosehandlers International Ltd.

708-19 Avenue, P.O.Box 714
Nisku, Alberta
Canada
T0C 2G0
Tel: (403) 955-2173
Fax: (403) 955-2176
Dan Horvath
Corporate Manager

Incorporated in 1989, Hosehandlers International inc. manufactures a patented polyurethane hose support saddle. The device is used to support hose used to transport any liquid and even fish. The major industry users are petroleum, petrochemicals, fishing, forestry, environmental clean up and vapor recovery. Used on hoses from 1 inch (2.54 cm) to 12 inches (30.48 cm) O.D. the "Hosebun" protects the hose from kinking, dramatically reduces hose wear and provides safe and efficient lift.

Export sales are very strong. With 66 distributors in the USA working through our distribution centre in Denver, Colorado we are now seeking agents and distributors worldwide. Our growth rate has been 100% and its expected to exceed 400% in 1991.

Howe International Limited

237, Metcalfe Street
Ottawa, Ontario
Canada
K2P 1R2
Tel: (613) 233-6264
Fax: (613) 233-8343
M.B. Sims-Williams
Vice President

Howe International Limited, established in 1965, has extensive experience in wastewater treatment in the design and supervision of installations of modern dust suppression, collection, and disposal systems for large scale grain storage and handling facilities, and coal and petroleum coke handling systems. Facilities designed by the company are installed in numerous countries worldwide.

Engineering and management services include studies, planning and detailed design, financial and economic analyses, material and equipment procurement, project management, and operations and maintenance training. The company has

numerous subsidiary companies in Canada, the U.S., India, the U.K. and the Far East.

Hydro-Quebec Ltee

600, avenue de la Montagne
Shawinigan, Québec
Canada
G9N 7N5
Tel: (819) 539-1400
Fax: (819) 539-1409
Telex: 05-837267
Louis F. Monier
Directeur

Hydro Quebec's LTEE (Laboratoire des technologies électrochimiques et des électrotechnologies - Electrochemical and Electrotechnological Laboratories) is an industrial organization specialized in promoting and developing electricity-based technologies.

LTEE enjoys an international reputation. It designs efficient procedures that contribute to improving the environment, developing, for example, a technology for vitrification of incinerator fly-ash.

The ashes are vitrified in an arc furnace, and no prior cumulation or addition is required. They are injected into a hood surrounding the electric arc, where they are heated and form a watery film that falls into the bath in the crucible of the arc furnace. This technology is patented around the world. It has been tested up to a force of 1MW with a capacity of 1 tonne per hour. Tests in our arc furnaces have resulted in fly-ash vitrification of up to 1 tonne/hour continuous output.

Hydro-Quebec International

600, avenue de la Montagne
Shaminigan, Québec
Canada
G9M 7n5
Tel: (819) 539-1400
Fax: (819) 539-1409
Louis F. Monier
Manager

Founded in 1978, Hydro-Québec International is a wholly-owned subsidiary of Hydro-Québec, both builder and operator of one of the most extensive and elaborate power systems in North America: 3 million customer accounts, 80 generating stations both hydroelectric and thermal, for a combined installed capacity of 25,700 megawatts, not to mention 30,000 km (19,000 miles) of transmission circuits, 96,000 km (60,000 miles) of distribution circuits and 1,4 million km (900,000 miles) of telecommunications circuits.

Hydro-Québec International offers through Hydro-Québec's resources a comprehensive range of services in the fields of generation, transmission and distribution of electricity. Its expertise includes system planning, environmental impact and follow-up studies, construction, operations, marketing and administration. Hydro-Québec International can provide its expertise in many ways: technical assistance and training, construction contracts, project management mandates, turnkey contracts with or without a franchise formula as well as franchise as such.

Hydrobotics Engineering Canada Inc.

520 Westney Road South, Suite 20
Ajax, Ontario
Canada
L1S 6W6
Tel: (416) 428-2300
Fax: (416) 428-3014
Harriet S. Waterman
Director

Hydrobotics Engineering, incorporated in 1987, manufactures remotely operated marine inspection vehicles (ROV's) used in diverse commercial, utilities, government and institutional applications. Systems are used to inspect marine life and/or sub aquatic structures for environmen-

tal monitoring, assessment or scientific research. International sales have been to Europe, North America, Middle East and Asia. Government customers include U.S. Federal and State agencies and Canadian Federal and Provincial agencies.

ROV's use one or more live video cameras to inspect on a real time basis marine environments. Various optional features such as sonar, remote manipulator arms are available for integration.

Models available include Scamp, Seaclops and Hydrobot, weighing from 30 to 120 lbs. and size of 4' x 2' x 3'. The neutrally buoyant umbilical connecting the vehicle to the control console varies from 100 ft. to over 2000 ft. long. These Canadian built systems provide superior value in their class against global competitors.

Hydromantis Inc.

1685 Mark Street West, Suite 302
Hamilton, Ontario
Canada
L8S 1G5
Tel: (416) 522-0012
Fax: (416) 522-0031
Dr. Gilles Patry
President

Incorporated in May 1985, Hydromantis, Inc. specializes in wastewater treatment plant modelling and simulation. Over the past 5 years, under the sponsorship of Environmental Canada (Federal Department) and McMaster University (Hamilton, Ontario), Hydromantis has developed a state-of-the-art computer program for dynamic modelling and simulation of large scale wastewater treatment plants. The General Purpose Simulator (GPS) makes use of the latest developments in mathematical modelling and computer simulation, including simulator-based technologies and object-oriented modelling. The GPS is designed to assist engineers in planning, design, and operation of wastewater treatment plants. The GPS is customized and calibrated to each wastewater treatment plant. The resulting model allows plant personnel to maximize the operation of the plant under a wide range of conditions. The GPS provides a valuable tool for the development and assessment of operational strategies that would otherwise be difficult to evaluate. The GPS plays a key role in the development and implementation of an integrated real-time control strategy.

I.D. Systems Ltd

905 Waverley Street
Winnipeg, Manitoba
Canada
R3T 5P4
Tel: (204) 489-0333
Fax: (204) 488-3094
A. Brian Ransom
President

Since 1970, I.D. Systems Ltd. (IDS) has provided a wide range of environmental and economic services. IDS is a subsidiary of I.D. Group Inc., which has offices across western Canada offering a wide range of multidisciplinary professional services. IDS offices in Winnipeg and Edmonton provide consulting services in areas such as: environmental impact assessments, environmental engineering and audits, site analysis, resource management, solid and hazardous waste management, pre-investment studies, policy analysis, economic development, and project management.

Recent IDS international work includes environmental and socio-economic impact assessments, multi-disciplinary feasibility, and site analyses in Asia Pacific countries such as Malaysia, China, and Sri Lanka. IDS along with its affiliate I.D. Engineering Canada Inc. has also been active in the Arctic and Antarctic due to its unique engineering and management expertise in snow and ice technology.

I.P. Constructors Ltd.

5430-30th Street S.E.
Calgary, Alberta
Canada
T2C 1G2
Tel: (403) 279-7553
Fax: (403) 279-3635
Telex: 03-821154
Clint Elgar
Export Director

I.P. Constructors Ltd., incorporated in March 1976, is a Canadian Company wholly owned by technical personnel who are Professional Engineers and Designers, fully committed and actively involved in serving the needs of our clients. IPC has demonstrated leadership in process design, engineering, manufacturing, field installation and commissioning of a wide range of process and equipment. The company has ASME and ANSI certifications. IPC are able to conduct a feasibility study, prepare conceptual design reports, design, manufacture, and provide operational training, manuals and startups.

The Company designs and manufactures hydrocarbon process equipment, portable gas plants, modularized process trains, oil production and refinery equipment and water waterflood, injection and treatment plants. The Company also manufactures gas/liquid/solid separation equipment with vanes, pad demisters, multicyclone, helicoid tyere and filter separators. Products include separators, free water knockouts, indirect fired heaters, treaters, desalters and various associated oil/gas industry equipment.

Industrial Filter Fabrics Ltd.

663, avenue Woodward
Hamilton, Ontario
Canada
L8H 6P3
Tel: (416) 549-9626
Fax: (416) 547-7660
K.N. Burlakoff
President

Industrial Filter Fabrics Ltd. was established in 1971 to produce fabricated filter bags for industrial use, dust collection pollution control equipment, and liquid process filtration. The company manufactures and markets the Beane Bag™, a patented filter media designed for use in bag type dust collectors. The Beane Bag™ is knitted into a seamless tube with a loop pile filtering surface. It offers advantages such as increased air handling capacity with improved dust collection efficiency resulting in improved dust collector performance and energy savings. The product is widely used by Canadian industry. The product is also produced with electrically conductive yarns to combat static build-up for applications where explosion hazards exist. Other products include pleated cartridge filter elements and parts for dust collectors including cages, clamps and venturies.

Industrial Forestry Service Ltd.

1595 Fifth Avenue
Prince George, British Columbia
Canada
V2L 3L9
Tel: (604) 564-4115
Fax: (604) 563-9679
George Kondor
Assistant Manager

Incorporated in 1954, Industrial Forestry Service Ltd. was established to provide consulting services to the forest industry in the vicinity of Prince George, B.C. Due to the dedication, hard work and abilities of its employees, the company has grown to become one of the largest forestry consultants in Canada, providing services to the industry, the federal, provincial and municipal governments, and others throughout Western Canada. Current plans call for expansion into international markets.

The staff of 120 provides services in forest economics, forest management, engineering, inventory, photogrammetry, Geographic Information System, silviculture, ecological studies, environmental services and forest nursery operations. The nursery contains 54 climate controlled computerized greenhouses with a capacity of 14 million tree seedlings and 25 hectares (62 acres) of transplant beds with a capacity of 10 million seedlings, as well as appropriate ancillary equipment. I.F.S. is 100% Canadian owned by 29 active employee shareholders.

Industries Fournier Inc.

325, boulevard Frontenac
Black Lake, Québec
Canada
G0N 1A0
Tel: (418) 423-4241
Fax: (418) 423-7366
Paul Aubé
Technical Manager

Founded in 1959, Les Industries Fournier Inc. specializes in the design and manufacture of the rotary Press to meet the dehydration treatment needs of municipalities and industries. The company also manufactures customized process machinery for foundries, the asbestos and gold mining industries, the pulp and paper industries and for smelter. A complete range of engineering and manufacturing services is provided - from defining design parameters to delivery, installation and successful start-up. The company has designed and manufactured equipment for customers in Canada, Greece, Brazil, Columbia, U.S.S.R. and U.S.A.

Fournier has a staff of 100, including engineers and technicians. State-of-the-art engineering and design tools, such as CAD are employed. Their facilities include a 5,000 m^2 (60,000 sq. ft) plant with fabricating machining and assembly sections. The company follows stringent inspection and welding procedure conformed to ACNOR Standard.

Ingénierie Co-vent Inc.

1220 Gay Lussac St
Montréal, Québec
Canada
J4B 5E4
Tel: (514) 449-3382
Fax: (514) 449-3397
Joseph Cohen
President

Formed in 1980, Co-Vent is a designer and manufacturer of industrial centrifugal fans and centrifugal blowers.

The products are used for the following applications: pulp and paper, thermal power plants, cement factories, steel mills, aluminum plants, refineries, etc. The centrifugal blowers are also used in waste water treatment. All of the Co-Vent products are Canadian designed. Our sales are $5 million, of which exports represent 15 to 20%.

In the United States, we are well represented in the East (Boston, New Jersey, Hartford)

and in the Midwest (Chicago). Finally, our company has sold a manufacturing licence for industrial blowers in Sweden for the Scandinavian market.

INRS-EAU

2800, Einstein Street
Québec, Québec
Canada
C1X 4N8
Tel: (418) 654-2575
Fax: (518) 654-2660
J.P Villeneuve

INRS-EAU is one of the centres of the National Institute for Scientific Research, a component of the University of Quebec. Its primary vocation is the development of basic and applied knowledge on water as a natural resource, and on water management and conservation. INRS-Eau also places priority on the training of researchers and specialists in the various water-related fields. Through research, INRS-Eau seeks to acquire knowledge and develop technologies leading to the rational and sustainable use of water resources. Its researchers are involved in eight main fields, including the statistical analysis of data concerning water; hydrological simulation; digital analysis; development models; the biogeochemistry of pollutants; the ecotoxicology of pollutants; the dynamics of nutritional elements in ecosystems, and the processes of purification.

Two major methodological approaches are used by the Centre: one includes studying, in the laboratory or in the natural environment, processes such as the atmospheric transportation of pollutants or the path taken by contaminants in the water cycle; and the other, the modelling and simulation of these same processes and the development of data analysis methods applied to hydraulic and hydrological phenomena.

Institute of Environmental Research Inc.

81 Sheppard Avenue West, Ste. 201
Willowdale, Ontario
Canada
M2N 1M4
Tel: (416) 226-4022
Fax: (416) 226-6272
James Micak
Director of Env. Plan

Established in 1972 in Toronto, the Institute of Environmental Research (1985) Inc., IER, provides social planning consulting services to the public and private sectors. The firm offers a wide range of planning, research and program evaluation services. A common theme in IER's consulting practice has been an effort to achieve social objectives through improvements to the natural, built and organizational environments within which people live and work. The firm's staff has professional training and consulting experience in such diverse areas as social impact assessment, recreation and leisure studies, organizational analysis and management studies, strategic planning, public consultation, social program evaluation and planning for the needs of special populations. IER has been retained by all levels of government, private firms and community groups. Clients in recent years include the Ontario Waste Management Corporation, Laidlaw Waste Systems Ltd., Ontario Hydro, the International Joint Commission and the United States E.P.A.

Intech P. E. M. Inc.

800-1980, Sherbrooke West
Montréal, Québec
Canada
H3H 1E8
Tel: (514) 989-6100
Fax: (514) 989-6279
Pierre De Broux
President

The consulting group Intech P.E.M. Inc. was formed in 1985 from the Engineering group of Dominion textile Inc. Intech possesses a long experience in serving industry and its multidisciplinary team of professional engineers and skilled technicians already has an impressive list of industrial and commercial clients.

In addition to our expertise in such fields as mechanical, electricity, automation and control, project management, technical and control, project management, technical auditing; our group is a leader in the textile industry. In this field, the group is involved in national and international projects.

Principal fields of activity:

- Mechanical sector
- Electrical sector
- Automation and control
- Greige textile manufacturing
- Textile finishing
- Energy conservation and environment

Related fields of activity:

Excavation, structural, buildings and roofs

Levels of implication

- Identification of needs
- Expertises and consultations
- Preliminary studies
- Evaluation of alternatives
- Budget estimates
- Preparation of plans and specifications
- Selection of equipment
- tender invitations
- Evaluation of proposals
- Project planning and management
- Site supervision
- Start-up and running-in
- Training
- Preventive programsIntelcan

Technosystems Inc.

69 Auriga Drive
Nepean, Ontario
Canada
K2E 7Z2
Tel: (613) 228-1150
Fax: (613) 228-1149
Telex: 053-3833
P. Whitall
Manager Business

Incorporated in 1980, Intelcan technosystems Inc. is a multifonctional company involved in the sale and implementation overseas of multi-disciplinary projects in telecommunications, power, civil aviation, transportation and machinery. The Company's activities include feasibility studies, technical assistance, equipment procurement and supply, equipment manufacturing, system integration, on-site and in-factory training and on-going operation and maintenance. Intelcan is also the leading Canadian Supplier of solar photovoltaic power systems. Along this line, the Company manufactures a complete range for solar controller units. In these units, Intelcan has pioneered the use of multi-stage series charge regulation technique resulting in high system efficiency and extended battery life.

Over the past 13 years, Intelcan technosystems has been active in over 60 countries with annual export sales exceeding $8 million. Intelcan's market is primarily directed towards authorities of the above mentioned disciplines in developing countries and has strong representation in most countries of interest.

Intera Technologies Ltd.
2500, 101 - 6th Avenue S.W.
Calgary, Alberta
Canada
T2P 3P4
Tel: (403) 266-0900
Fax: (403) 265-0499
Brian L. Bullock
President

INTERA TYDAC specializes in the development of Geographic Information System (GIS) software and related applications. INTERA TYDAC develops, markets, and supports the SPANS family of GIS products. The SPANS product line provides total GIS solutions that perform either as stand-alone systems or in enterprise-wide environments, offering organizations flexibility in their choice of GIS for different levels of decision-support.

INTERA TYDAC provides a full range of GIS support services including customer training, technical hot lines, applications development consulting and database development services. SPANS is used for a wide range of applications including environmental analysis, mineral exploration, forestry, land use planning, resource mapping, regional planning, defence and intelligence applications, water resources planning, crop entomology, soils research, marine sciences, transportation planning, demographics, marketing research, local government applications, and real estate economics.

International Water Guard Industries Inc
575 Powell Street
Vancouver, British Columbia
Canada
V6A 1G8
Tel: (604) 255-5555
Fax: (604) 255-5685
James F Doble
President

International Water-Guard Industries Inc. is a privately owned company with is a Canadian leader in water and fluid treatment. The staff have extensive technical knowledge and over seventy-five (75) years of "hands on, on site" engineering/operational experience. The company's focus is on the design, manufacture and installation of system solutions for small to medium sized projects - up to 2,000,00 gallons per day (gpd) - in the commercial, industrial and residential sectors. The company's products are designed to meet virtually any water treatment requirements in a wide variety of fields: food processing plants, pharmaceuticals manufacturers, hospitality industry, hospitals, laboratories, swimming pool contractors, emergency preparedness teams (aircraft portable potable water systems) etc. One of the company's particular areas of leadership is in irradiation technology. The application of ultraviolet light eliminates bacteria and viruses, and when the process is combined with the use of specialized filters, the final product is clear, odourless, pleasant-tasting, sterile water. This technology is the basis of the company's NPS-A2 aircraft unit which is the world's only FAA approved on-board water treatment system. A unit embodying similar technology has also been developed for point of use applications where under the sink installation is preferable or desirable. A miniature portable water sterilizer has been developed to meet the needs of international travellers. Anywhere people require clean and or sterile water, International Water-Guard products and people can provide a timely, cost-

Interprovincial Corrosion Control Ltd

930 Sheldon Court
Burlington, Ontario
Canada
L7L 5K6
Tel: (416) 634-7751
Fax: (416) 333-4313
William Russel
Marketing Manager

Federally incorporated in 1957, Interprovincial Corrosion Control Company Limited (I.C.C.C.) has been providing professional engineering services and the supply and manufacture of corrosion protection materials to most major users throughout Canada. I.C.C.C. is recognized by "N.A.C.E.," with accredited Corrosion Engineers on staff; specializing in the protection of buried or immersed steel structures by the proven technique "Cathodic Protection". I.C.C.C. manufactures a variety of product lines, ie., galvanic and impressed anodes, C.P. related equipment, including the patented Rustrol Polarization Cell Systems and surge suppressors, which safely electrically isolate steel structures in order to apply corrosion-free cathodic protection to permanently preserve pipelines, tanks, refineries, et al. Export sales of over one million (60% to the U.S.A.). The technological marketing is well developed, however overseas representation is not. Our annual growth rate of over 30% and is forecast to continue over the next five years. Major clients have included Ontario Hydro, Consolidated Edison, and major electrical power utilities.

Ixtal Blast Technology Corporation

627 John Street
Victoria, British Columbia
Canada
V8T 1T8
Tel: (604) 386-43212
Fax: (604) 386-2512
Harold Gutovich
Director

Ice blast technology was the subject of a series of research and development projects carried out by RE TECH Ltd. a Multidisciplinary Research and Development Laboratory under contract to the Department of National Defence of Canada. In 1988, the technology was judged sufficiently mature for commercialization. An operating subsidiary, IXTAL Blast Technology Corp. was established to commercialize the technology. This undertaking was supported by a cost-sharing development grant from the Department of National Defence under the Defence Industrial research program. Under this program, a fully computerized laboratory prototype was developed to provide engineering and operating data. To date, $2 million dollars has been invested in developing and commercializing ice blast technology.

J.D. Koppernaes Engineering Ltd.

1248 Bedford Highway
Bedford, Nova Scotia
Canada
B4A 1C6
Tel: (902) 835-8348
Fax: (902) 835-0134
JD Koppernaes
CEO

J.D. Koppernaes Engineering Ltd. (K.E.L.) was formed in 1957. Its staff of professional engineers offers services in the civil, marine, mechanical, electrical and fisheries disciplines. The company has developed specific expertise in the design of systems for the recovery, treatment and product enhancement of fish waste. The types of services offered vary from complete design and construction supervision to feasibility studies and evaluations of alternate technologies. The company has completed over 30 projects examining alternated methods of handling fish waste (i.e. fish silage as com-

pared to fish meal) and is able to compare the benefits of one process to the other depending upon the particular situation. K.E.L. designed over one third of the fish processing plants on the east coast of Canada.

Over 75 percent of the company's contracts are now outside of Canada. Projects have been completed in Norway, Peru, Canada, the U.S., Mexico, Bahamas, Barbados, St.Lucia, and Antigua. In 1984 and 1985 K.E.L. received the Export Achievement Award for the export of services from the Government of Nova Scotia in recognition of their work on international fisheries projects. Also, J.D. Koppernaes Engineering Ltd. has been involved in the design, production, and manufacturing of Advanced Composite Material products since 1958. Many of these products have been designed and made for use in environmental protection systems such as baffles for scrubbers, non-corrosive gratings, non-corrosive ducting, and tanks, etc. All custom made for select manufacturers and contractors. Koppernaes Engineering, Composite Material Division, provides a complete team of composite material engineers for the design, manufacture, and application of cost effective environmental systems and components made of non-corrosive fiber reinforced plastic materials.

J.P. Environmental Products Inc.

P.O. Box 816, Station C
Kitchener, Ontario
Canada
N2G 4C5
Tel: (519) 662-3220
Fax: (519) 662-3223
James Haller
President

J.P. Environmental Products Inc. has been continuously and actively engaged in the design and manufacture of noise silencing systems for nine years. During this brief time, we have been established and recognized throughout the industry as one of the most knowledgeable and leading suppliers of this type of equipment in North America. We have designed and manufactured silencing systems for just about every type of fan, and for the majority of fan manufacturers. Our innovative designs have produced self-cleaning silencers where fly-ash or heavy dust loading is a concern, silencers which must support a one hundred foot stack, five feet in diameter, silencers that are subject to a corrosive atmosphere (we used a combination of plastic and fibreglass), as well as silencers that are easily disassembled for cleaning or for transportation reasons.

Jacques Whitford Environment Ltd.

3, spectacle Lake Drive
Dartmouth, Nova Scotia
Canada
B3B 1W8 C
Tel: (902) 468-7777
Fax: (902) 468-9009
David Nantes
Vice President, Operations

Jacques Whitford Environment Limited (JWEL) offers a comprehensive range of consulting services in environment engineering, sciences and planning, in Canada and internationally. As part of the Jacques Whitford Group of companies, founded in 1972, JWEL represents a synthesis of the environmental divisions of three member companies: Jacques, Whitford and Associates Ltd. (Nova Scotia), WMS Associates Ltd. (new Brunswick), and LeDrew Fudge and Associates Ltd. (Newfoundland). As such, JWEL is recognized as the largest and most experienced environmental consulting firm in the Atlantic region. Offices in Ottawa and Toronto, Ontario have also been opened.

Jacques Whitford Environmental Limited applies the resources and expertise of over 50 environmental professionals to a wide range of projects including solid waste management, environmental and socioeconomic impact assessment, groundwater investigations, site remediation, water resources planning, hydrogeology, environmental audits, facility closure and decommissioning, and public consultation. Professional services are supported by sophisticated testing and monitoring equipment, and computer modelling and GIS (geographic information system) capabilities.

K.G. Wardstrom Industrial Gas

Unit #211
9654-912nd Street
Surrey, British Columbia
Canada
V3T4W2
Tel: (604) 888-2077
Fax: (604) 888-2823
K.G. Wardstrom
President

Established in 1974 to meet the requirements of customers using heat for industrial processes in British Columbia. Originally established to provide repair service for existing equipment but quickly moved into the design and manufacturing of specialty process equipment to meet the requirements of an ever increasing market.

While standard designs are used for some of the equipment, then tailored to the customers exact needs, the company's expertise lies in custom design of specialty equipment for process and pollution control.

Karl Ricker & Associates

Geologist & Aquaculture Consultant
868 - 11th Street
West Vancouver, British Columbia
Canada
V7T 2M2
Tel: (604) 926-5933
Fax: (604) 688-8915
Karl Ricker
Prime Consultant

Karl Ricker and Associates is a proprietary which specializes in environmental geological studies and biophysical appraisal of salmonoid aquaculture operations for both industry and governments. As a sideline, our company monitors glaciers and potential consequences in the change of glacial regime. Work is mainly in mountainous terrain and in the marine fjord environment. Karl Ricker and Associates specialized in being a component in larger, more broad based multi-disciplinary projects such as corridor studies, mine development and water body appraisals.

KBL Land Use Consulting Ltd.

400, 407-8 Avenue S.W.
Calgary, Alberta
Canada
T2P 1E5
Tel: (403) 262-5505
Fax: (403) 269-2287
Kim Lee
President

Incorporated June 30, 1981, KBL Land Use Consulting Limited specializes in developing reclamation and waste management strategies for oil and gas firms who wish to remain leaders in sustainable environmental development. Marketing is directed primarily at the environmental divisions of oil and gas companies who require cost effective, workable solutions to environmental concerns. These concerns include reclamation of agricultural and wildlife areas, and handling, transport and disposal of hazardous and non hazardous wastes.

KBL's expertise includes forestry, botany and agriculture, and this allows for a wide range of pragmatic but innovative solutions to critical environmental issues facing large and small oil and gas firms. Sales have increased 50%

annually, and staff has tripled since 1989. Major clients include Gulf Canada Resources Ltd., Mobil Oil Canada, BP Resources Canada Ltd., Amoco Canada Petroleum Company Ltd., Bow Valley Industries Ltd., and the Canadian Petroleum Association.

Kenloch Co., Division Of Kenloch Invest.

71 Howden Road
Scarborough, Ontario
Canada
M1R3C7
Tel: (416) 752-8985
Fax: (416) 759-3150
John Chadwick
President

Incorporated in 1977, Kenloch Company manufactures high rate and conventional pressure sand filters and diatomaceous earth filter systems for municipal and competition swimming pools. Marketing is directed primarily towards mechanical engineering consultants, mechanical contractors and specialized distributors working in the swimming pool field.
The company provides a full consulting service for the architect and/or engineer covering the architectural and mechanical disciplines, which along with quality products has resulted in a steady growth rate and a reputation for excellence.

Kenox Corporation

250 Consumers Road, Suite 107
North York, Toronto
Canada
M2J 4V6
Tel: (416) 756-4888
Fax: (416) 756-4889
J.B. Brad Scott
Manager, Market Development

Incorporated in 1983, Kenox, a wholly owned Canadian company, developed and patented world wide an advanced wet aire oxidation (WAO) technology for the treatment, detoxification and reduction of hazardous/non-hazardous organic pollutants present in many industrial/municipal wastewaters, sludges and slurries. In 1986, a commercial demonstration facility was commissioned and successfully treated a highly complex wastewater. the demonstration confirmed projested lower capital, operating and maintenance costs and high treatment performance. WAO also has the distinct advantage to treat a broad range and concentration of organic pollutants compared with most other technologies.

In 1989, Kenox began to actively exploit this competitive advantage which has lead to two multi-million dollar commercial contracts to supply turn-key waste treatment systems in 1992. This current profile plus more severe environmental legislation will further enhance both Kenox' and our U.K. licensee's sales opportunities.

Klohn Leonoff Ltd.

10180 Shellbridge Way
Richmond, British Columbia
Canada
V6X 2W7
Tel: (604) 273-0311
Fax: (604) 279-4300
Art Alexander
Vice President

Klohn Leonoff is a multidisciplinary, employee-owned consulting firm which has provided a wide range of engineering services to over 7,000 projects in diverse geographical and cultural settings worldwide since 1951. Its client base covers such industries as construction, mining, water resources, transportation, marine, forestry, energy, agriculture, waste management and environment in both the private and public sectors.

Klohn Leonoff provides investigation, design and construction monitoring services within the scope of civil, environmental, geotechnical and water resources engineering. The Company has over 200 engineers, scientists, technicians and support

staff specializing in such engineering and other fields as civil, geotechnical, geological, hydrological, hydraulics, geohydrological, earthquake, electrical, mechanical, structural, environmental, materials testing, chemistry, computing and community development.
Some principal fields of activity are: Civil Projects - dams, tunnels, canals, highways; Water Resources - irrigation, water supply, dam safety, groundwater development, Environmental - audits, impact assessments, mitigation planning/design, site remediation, landfill design, wastewater treatment; geotechnical - foundation engineering, earthquake engineering, ground improvement.

Knopafex Limited
1011 Haultain Court, Unit 9
Mississauga, Ontario
Canada
L4W 1W1
Tel: (416) 238-9178
Tal Akermanis
Vice-President

For almost 10 years Knopafex has been manufacturing sewer television inspection equipment. These T.V. cameras are used across North America by towns, cities, and sewer contractors. They form a vital tool in sewer preventative maintenance. Engineers are able to see the actual pipe conditions. Pipes from 3 inches up to 60 inches in diameter can be inspected. A complete line of small and large camera systems is available. Export sales to the U.S. are expected to reach $500,000.00 within the next 12 months. Our latest innovation is to computerize the sewer reporting process. Software was developed exclusively by our engineers and is compatible with most computers. It can be used in conjunction with M.I.S. and other database programs.

Knudsen Engineering Limited
77 Gore Street East
Perth, Ontario
Canada
K7H 1H8
Tel: (613) 267-1165
Fax: (613) 267-7086
Judith Knudsen
VP Operations

Knudsen Engineering Limited is a 10 year old Canadian firm with a current staff of 11, specializing in underwater acoustic technologies for the marine industry.

The Company has invented and patented a unique digital sonar technology with unprecedented performance capabilities. DAISY, (Digital Acoustic Imaging SYstem) using underwater sound instead of light to form an image, is intended to be used with moving platforms and underwater vehicles in a wide variety of defence and commercial applications including mine countermeasures, search/identification, obstacle avoidance, and salvage/dredging operations. The high-resolution active sonar uses a digitally beamformed/focused receive array and within-pulse scanning to achieve high imaging speed and flexibility. The DAISY beamformer can be used with various transducer arrays and the Company currently offers both a linear array for traditional 2-dimensional imaging, plus a high performance planar array with unprecedented 3-dimensional capability. The firm has also developed a high performance echo sounder system for measuring water depth in the Canadian Arctic. Development of a new dual frequency hydrographic sounder is currently underway.

Komex International

100,4500- 16th Ave. NW
Calgary, Alberta
Canada
T3B0M6
Tel: (403) 247-0200
Fax: (403) 247-4811
Frederic B. Claridge
President

Komex International provides water resources and environmental engineering services to clients world wide. Our multidisciplinary team includes over 60 experienced environmental and geotechnical engineers, hydrogeologists, biologists, earth scientists, water resource engineers, planners and project management specialists.

Water Resources:

- Watershed Management
- Water Supply
- Groundwater Resource Evaluation and Development

Earth Sciences and Geotechnics:

- Earth Structures
- Waste Containment Structures
- Reclamation and Stabilization
- Terrain Stability
- Reclamation

Environmental Engineering:

- Contaminated Site Assessment and Clean-up
- Groundwater Monitoring and Remediation
- Risk Assessment
- Waste Management

Environmental Planning:

- Environmental Impact Assessment
- Protected Area Management
- Environmental Audits and Liability Assessments

All of our senior personnel, most of our intermediate and some of our junior staff have had international experience. The areas where we ahve include South America (Colombia, Bolivia, Argentina), Asia (Thailand, Bangladesh, Indonesia, China, Nepal, Pakistan, Sri Lanka), Africa (Swaziland, Ethiopia, Ghana, Ivory Coast), Eastern Europe (Poland), and Europe (England, France, Germany). Annual sales are approximately $7 million, with international work comprising 10% of the total.

KPA Engineering Ltd.

500-1200 Burrard St
Victoria, British Columbia
Canada
V6Z 2C7
Tel: (604) 689-9266
Fax: (604) 688-4725
Mr. Guild
President

KPA Engineering Ltd. is a British Columbia firm of consulting engineers which offers more than 30 years of experience in water resources, environmental, municipal and structural engineering. Expertise is also provided in the application of GIS (Geographic Information Systems) to environmental planning and management. Specialized technological skills include groundwater investigations and development; leachate control system design; computerized water resources planning and analysis; water supply and treatment system design; small scale sewage treatment system applications; flood risk analysis and GIS sensitivity mapping.

KPA, with annual revenues of approximately $1,900,000 and off-shore project revenues in the order of $220,000, has already developed strong working relationships in Korea, taiwan, kenya and the Caribbean and is well positioned to assist "overseas

partners" in expanding their range of services. KPA's client base includes federal, provincial and municipal governments; the mining and forestry industries; hydroelectric and thermal power producers; railway companies; and private land developers.

Kraemer Tool and Manufacturing Co. Ltd.

75 Devon Road
Brampton, Ontario
Canada
L6T 5A4
Tel: (416) 458-0400
Fax: (416) 458-0688
R. Kraemer
Vice President

Kraemer Tool & Manufacturing is a manufacturing and engineering company, established in 1967, which designs, manufactures and installs Dust Collection Systems.

Kraemer fabricates a large amount of standard and Portable Dust Collectors for 1/3 HP to 5 HP and seven different standard designs in 7 1/2HP and up plus custom designed models. The designs range from fabric filters to fabric and paper filter cartridges for jet pulse units, for the woodworking, metalworking, plastic paper, chemical and food industries.

Kraemer also makes a line of Duct Cleaning machines from 1 HP to 20 HP.

Units are sold throughout North and Middle America through a dealer network plus direct sales.

L.H. Resource Management Inc.

R.R. #1
Walton, Ontario
Canada
N0K 1Z0
Tel: (519) 887-9378
Fax: (519) 887-9011
Jeff Kinsella
Manager

LH Resource Management Inc., manufacturer and distributor of waste utilization systems since 1979, produces Manurigator brand irrigation reels, the only North American line designed exclusively for land application of organic liquid waste. This equipment is primarily sold to agricultural and food related industries, and municipalities. Product advantages include: low operating and maintenance costs, minimal soil compaction, ease of repair, rugged construction, and superior low temperature performance.

The company also manufactures the Pos Composter, an open trench, in-vessel composting system for municipalities and large scale private projects. Advantages include: 10 day retention time - which reduces land and building requirements, low capital and operating costs and consistent high quality output.

Export sales are approximately $400,000, primarily US, with growth projected at 50% per annum over five years. With three Manurigator dealers in the Easter US, the company is now expanding into the Midwest. Composters are sold from the Canadian office.

L.H. Schwindt & Co. Ltd.

1134 Plains Road East
Burlington, Ontario
Canada
L7S 1W6
Tel: (416) 632-9040
Fax: (416) 632-2973
M.Glover
President

Established in the 1948 and incorporated in 1956, L.H. Schwindt & Company Inc. is a Consulting Engineering firm offering services primarily to Industrial Clients in Food and Pharmaceutical, Hydrocarbon Processing, Iron and Steel and Pulp and Paper Industries. Export sales are approximately $0.75 million exclusively to U.S. market. The company offers the following

services, environmental Audits, environmental impact assessments, equipment and instrument development, design and plant retrofits, plant decommissioning, regulations and standards consulting and design of waste treatment facilities. Major clients have included Shell, Chrysler, Domtar, Ciba-Geigy, Dofasco and others.

Labrie Equipment Ltd.

302, rue du Fleuve
Beaumont, Québec
Canada
G0R 1C0
Tel: (418) 837-3606
Fax: (418) 837-7698
Claude Boivin
President

Labrie Equipment Ltd, established in 1971, manufactures a full line of efficient waste collection equipment. Labrie's products include transfer trailers; the LABRIE 200 SIDE-LOADER which requires only one man to operate and is more efficient than a rear loader; the LABRIE 100 Half Pack front end loader for industrial and residential refuse collection and the OVER TOP Loading Recycler - 24 cu. m. to 29 cu. m. (31 cu. yds to 38 cu. yds.) hydraulic loading with two to five movable partitions for up to six different products that can be used with a plastic crusher which has a compacting ratio 4:1. Private contractors and municipalities in Canada, United States and England are among Labrie's clientele.

Laidlaw Inc.

3221 North Service Road
P.O. Box 5028
Burlington, Ontario
Canada
L7R 3Y8
Tel: (416) 336-1800
Fax: (416) 336-3976
Robert J. Redhead
Director Government

Laidlaw Inc. was founded in 1959 when Michael De Groote purchased Laidlaw Transport Ltd. from Robert Laidlaw. That company, founded in 1924, operated a regional truck transport business from a base in Hagersville, Ontario.

During the last three decades, Laidlaw has diversified and grown by acquisition and internal expansion. A Canadian publicly traded company since 1969, the Laidlaw organization today provides principally school bus and waste management services to customers in the public and private sectors. Its original trucking interest were sold in the mid 1980's.

Laidlaw delivers its services from 540 locations distributed within 39 states and seven provinces throughout North America. In total, the organization employs 35,900 people.

At its fiscal year end, August 31, 1990, revenues reached $1,737,517,000 (U.S.), three quarter of which were generated in the United States. Sixty-three percent of revenue was attributable to waste management services; 37 percent was derived from transit operations. The company's shares are listed on the Toronto, Montréal and New York stock exchanges.

Lambert Somec Inc.

725, Lachance St.
Québec, Québec
Canada
G1P 2H3
Tel: (418) 687-1640
Fax: (418) 688-7577
Denis Linteau
President

Lambert Somec Inc., a public owned company whose shares are registered on the Montreal Stock Exchange, has been operating for over thirty years in the fields of electrical and mechanical.

The company employs annually more than 800 people of

whom 400 people are regulars. Among the construction division's regular employees, we find six engineers and some fifty technicians specialized in mechanical, electrical, electrodynamics, drafting, estimating and management. Forty superintendents and foremen averaging nineteen years of experience are also part of this team. The average age of company staff is 42.

Lambert Somec Inc., specialized construction contractor, operates in both industrial and commercial sectors and performs contracts of all sizes. The company's 52 000 square feet head office is located in Quebec; 38 400 of them are allowed to manufacturing and storage. Its Boucherville's branch operates from a 6 000 square feet building. The company offers services in the following fields:

- boilermaking
- electrical
- millwrighting
- piping
- ventilation/air conditioning
- pneumatic instrumentation
- engineering
- shop fabrication

Lavalin Inc.
1100 Boul. René-Lévesque
Montréal, Québec
Canada
H3B 4P3
Tel: (514) 876-4455
Fax: (514) 876-9273
Marcel Dufour

Lavalin Environnement Inc. is one of Canada's leading environmental consulting firms, offering a wide variety of services to industry and government. Among the firm's highly trained and experienced professionals are biologists, ecologists, environmental planners, hydrologists, chemists, engineers, agronomists, geographers and cartographers. Through an affiliation with the Lavalin group, the firm can draw upon the expertise of more than 2,500 professionals in the fields of engineering, socioeconomics, urban and regional planning, to name a few, and has privileged access to Lavalin analytical laboratories.

Lavalin Environnement Inc. undertakes studies in all areas of environmental science. Its specialists provide input at each stage in the planning and development of large scale projects from feasibility and preliminary studies to final design, construction and operation. Examples of studies completed include:

Biophysical and natural resource inventories, environmental impact assessments, risk analyses for public health and safety, natural resource inventories and site/route selection studies for industrial plants, ports, power transmission lines, roads and pipelines. In addition, Lavalin Environnement Inc. has designed and implemented programs for air and water quality monitoring, as well as for the management of hazardous wastes.

Lavalin Inc.
1100 Boul. René-Lévesque
Montréal, Québec
Canada
H3B 4P3
Tel: (514) 876-4455
Fax: (514) 876-9273
Marcel Dufour

Lavalin Envirotech, which includes Hydrogeo Canada (International) and Enviromax (France) offers a wide variety of technical and professional services for the management and protection of the environment. The company's expertise is based on a multidisciplinary group (engineers, chemists, biologists, hydrogeologists, and technicians) which has developed a know-

how in this field by rising innovative technologies. With its integrated capability, the Lavalin Envirotech team of professionals can undertake all aspects of a hazardous waste management project, from site investigation, feasibility studies, through to design and construction supervision. It intervenes in the following fields: water treatment, site rehabilitation, waste management, air emission controls and monitoring medical waste treatment, etc.

Finally, as member of the Lavalin group, Lavalin Envirotech has access to over 2 800 engineers and professionals for its operations in Canada and worldwide.

Lawrence, Marchant Ltd.
501-1281 West Georgia Street
Vancouver, British Columbia
Canada
V6E 3J7
Tel: (604) 689-9554
Fax: (604) 688-3639
Richard Lawrence
Principal

Lawrence, Marchant Ltd. was incorporated in 1991 to provide consulting services to the resource and chemical process industries. The two principals of the company, Brad Marchant and Ric Lawrence, provide their extensive specialized experience in project and business management, project evaluation, process technology development, and waste management. Special areas of expertise include mineral processing, hydrometallurgy, inorganic waste processing, treatment of refractory gold ores, biotechnology, acid mine drainage, organic waste treatment including food and beverage industry wastes, and laboratory program management.

The is currently providing services to several major Canadian and international clients in the mining and other industrial sectors. In addition to providing consulting services to assist companies in the development and implementation of technology to meet production and waste treatment needs, the company also represents lines of innovative process equipment including gravity concentrators, screens and process reactors. The company can provide joint venture financing for project development.

Leferink Transfer Limited

R.R. #1
Georgetown, Ontario
Canada
L7G 4S4
Tel: (416) 877-1420
Fax: (416) 873-0919
Bert Leferink
President

Leferink Transfer Limited is a family owned, waste hauling company servicing the Province of Ontario. It is licensed to transport solid non-hazardous industrial, commercial and residential waste from any recycling facility, RDF Plants, Waste Transfer Stations and Landfills to any approved facilities in Ontario and some approved sites in the States of New York, Pennsylvania and Ohio. It operates a Transfer Station for the receipt of waste from the local towns. The waste is transported to either a landfill in Ontario or in the case of residential waste, to an incinerator in New York. It is currently awaiting permission to receive waste from any part of the Province of Ontario.
It is a member in good standing of the National Solid Waste Management Association and the Ontario Waste Management Association. The Company is willing and able to assist communities in waste management including landfill searches and long distance hauling.

LGL Limited - Environmental Research Ass.

22 Fisher Street
King City, Ontario
Canada
L0G 1K0
Tel: (416) 833-1244
Fax: (416) 833-1255
William E. Cross
Vice-President

LGL Limited has been providing environmental consulting services to industry, government, native corporations, and conservation authorities in Canada and the U.S. for 20 years. The company, founded in 1971, is owned and managed by its professional staff of terrestrial, freshwater, and marine biologists, biological oceanographers, biostatisticians, Geographic Information System (GIS) specialists, and technicians. As required for interdisciplinary studies, LGL also arranges and is responsible for subcontracts to individuals or firms whose expertise includes geology, chemistry, physical oceanography, sociology, economics, and engineering.
Services provided by LGL include research planning; literature review and evaluation; experimental research in the field and laboratory; resource surveys and management; fisheries management; habitat classification, sensitivity mapping, and protection; data analysis and simulation modelling; environmental effects monitoring and impact assessment; design of deterrent and mitigative measures; practical on-the-job training; liaison with public; and testimony at regulatory hearings. Through project experience, LGL is familiar with tropical, temperate, and polar ecosystems.

Limnotek Research & Development Inc.

4035 West 4th Avenue
Vancouver, British Columbia
Canada
V6R 2X3
Tel: (604) 222-3546
Fax: (604) 222-3577
Chris Perrin
President

Limnotek was incorporated in 1984 to meet demands for research, development, and consulting services specializing in freshwater systems ecology. Our services include the design and for measuring change in ecosystem structure and function and for providing quantitative criteria used in the development of environmental policy by both government and industry.

Limnotek techniques have been applied to several natural resource developments, effluent

management, fish production and enhancement strategies, aquatic toxicity, and the design, an implementation of sampling programs and remedial measures associated with manupula'ions of freshwater systems. Due to limited technical advanced expertise in this field, a prime objective of Limnotek has been to provide technical expertise in this field, a prime objective of management, design, field operations, lab services, data analysis, report production, and systems publications, presentations at international scientific meetings, and where appropriate, distributions of our company reports.

To date, all Limnotek activities have been within western Canada with annual sales of approximately $0.5 million split evenly between government and industry. Because of the specialized nature of activities, the company has intentionally remained small but is pursuing the involvement of other environmental specialities to diversify capabilities and increase sales. Export opportunities may be part of this process to take advantage of an expanding environmntal consulting worldwide.

Lizotte Consultants Ltee

4 Montreuil St
C.P. 41
Riviere-Verte, New Brunswick
Canada
E0L 1E0
Tel: (506) 263-5594
Fax: (506) 263-5066
Marcel Lizotte
President

Lizotte is a consulting engineering firm (agricultural, industrial and mechanical) that has been established in New Brunswick since 1985, serving private companies as well as government agencies.

The projects carried out by the firm are financed by private companies, governments, the NRC, the World Bank and foreign governments.

Since it was founded, the firm has carried out projects in a number of Canadian provinces, in the US, Haiti, the Dominican Republic, the Barbados, Tunisia, Israel, France, England, Germany, Holland and Bulgaria.

Its activities include the preparation of various feasibility studies, the building of prototypes, technology transfers from Europe, research and development on new products, market research abroad and various technical designs.

Lynx Geosystems Inc.

400-1199 West Pender St
Vancouver, British Columbia
Canada
V6E 2R1
Tel: (604) 682-5484
Fax: (604) 669-3659
Ed Rychkun
President

Lynx Geosystems Inc. is a canadian corporation located in Vancouver, B.C. The company ahs specialized in the development and support of computer modelling technology for the geosciences since 1979. Lynx offers a software system for environmental engineering applications, and two systems for mining applications. Training, installation and applications support is provided by Lynx.

M & I Heat Transfer Products Ltd.

1375 Aimco Blvd.
Units 9 & 10
Mississauga, Ontario
Canada
L4W 1B5
Tel: (416) 625-8551
Fax: (416) 625-0846
Telex: 0621 7622
Muammer Yazic
Vice President

Incorporated in 1981, M & I Heat Transfer Products Ltd., is an R & D oriented company, and manufactures and sells patented products such as low leakage

dampers, air valves and central air handling units for the heating, ventilation and air conditioning (NVAC) industry. Marketing is directed to institutions, research laboratories, nuclear/petrochemical and automotive industries. The main features of the products include energy efficiency, reliability/low maintenance requirement, enhancement of comfort levels in the buildings, and emission of low noise/vibration. All of these products are far superior to any other product currently available in the marketplace. Export sales is approximately 50% of total sales and handled through a large network of sales agents in North America with some representation in Europe and Asia.

M.M. Dillon Limited

47 Sheppard Avenue East
P.O. Box 1850, Station A
Willowdale, Ontario
Canada
M2N 6H5
Michael Provart
Director, Environmental

Dillon was established in 1945 as a partnership, incorporated in Ontario in 1953, and federally chartered in 1986. Our principal fields of activity are planning, engineering, environmental science, landscape architecture services, archaeology, and building design. We provide services to all levels of government and private clients in Canada and overseas. The firm is 100% owned and managed by our Canadian employees. Our staff, which numbers around 500, includes engineers, hydrogeologists, planners, architects, landscape architects, environmental scientists, laboratory personnel, archaeologists, and technical/administrative support staff.

A goal to which we are committed is technical quality and service. Our Director, Quality Assurance, is responsible for continuing education, training, work quality and dissemination of technical and managerial information. Our Technical Advisory Committee comprises experts in the company, pre-eminent in their field, who assist with design development, product and methods updating and internal reviews.M.R.2 -

McDonald & Associates

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Tel: (306) 584-7071
Fax: (306) 584-8666
R.A. McDonald, P.Eng.
Principal Engineer

As an efficiently sized engineering firm, operating since 1982, M.R.2-McDonald & Associates provides specialist services with respect to water quality management, water and wastewater works technology, design, and operations, and related environmental issues. Clients range from the private and industrial sectors to municipal, provincial, and national governments.

Export capabilities would include development of water quality and water pollution control strategies and implementation measures, development and assessment of appropriate technologies for water and wastewater treatment, development of operations training packages and training assistance, establishment and training for environmental surveillance programs and data management, and undertaking environmental audits and assessments.

M.W. Metal Spinning & Stamping Co.

60 Ainess St.
Downsview, Ontario
Canada
M3J 2G9
Tel: (416) 661-8003
Fax: (416) 661-4355
Annette Goldstein
Sales Manager

M.W. Metal Spinning and Stamping Company have been in existence for the past 30 years. We produce a diversified range of custom products for both commercial and industrial use. Our spinning facilities offer you automatic, hydraulic and hand spinning up to 60' in diam. and up to 1/8th thick. Other services include spot welding, circling, rolling and lock forming.
To date we have manufactured roof vents, venturies for air pollution, caps, heads, covers, housing, floats fry pans and chinese woks, tables and bases (restaurant use and residential) bases for display. WE ARE CUSTOM SPINNERS AND MAKE PRODUCTS FROM CUSTOMERS' DRAWINGS OR SAMPLES. We strive to produce the best quality products at realistic and competitive prices.

MacDonald Dettwiler and Associates Ltd.

13800 Commerce Parkway
Richmond, British Columbia
Canada
V6V 2J3
Tel: (604) 278-3411
Fax: (604) 278-2117
Bernie Clark
sales Director

MacDonald Dettwiler is an international leader in advanced systems development for the aerospace, defence and electronics manufacturing industries. Founded in 1969, the company was launched to success as a major supplier of ground processing systems for the remote-sensing Landsat satellites. Today MacDonald dettwiler is the world's largest supplier of turnkey remote-sensing satellite ground stations and has branched out into air traffic control and flight data management systems, weather information processing and distribution systems, surveillance systems and systems for the acquisition and processing of optical, radar and sonar images from spaceborne, airborne and shipborne sensors.

Maclaren Plansearch Corp.

Suite 1100
1140 Pender Street
Vancouver, British Columbia
Canada
V6E 4G1
Tel: (604) 669-2444
Fax: (604) 683-1672
James MacGregor

MacLaren Engineers and MacLaren Plansearch offer clients and exceptional range of environmental services. From small sampling requirements to full environmental assessments and audits, MacLaren staff are experts at finding cost-effective and innovative solutions to meet your needs.
Our areas of expertise include:

- Air Emissions Control. Municipal Waste Management
- Air Quality. Occupational Health and Safety
- Asbestos Control. 3 Rs (reduce, Reuse, Recycle)
- Biology/Ecology. Real Estate Audit
- Decommissioning Cleanup. Risk Assessment
- Earth Sciences/Hydrogeology . Sewage Collection Systems
- Environmental Approval. Site and Route Selection
- Environmental Assessment Stack Sampling/Source Testing
- Environmental Audit. Water and Sewage Systems

Rehabilitation

- Hazardous Waste Management. Water Supply and•Distribution
- Hydrological Analysis. Water/ Wastewater Treatment
- Hydrotechnical. Watershed Management
- Industrial Waste Management Water Quality

For more than 40 years, MacLaren Engineers Inc. and MacLaren Plansearch Inc., have assisted government and private sector clients to manage their relationship with the environment. Today MacLaren has more than 200 employees working closely together to provide some of the most comprehensive environmental services offered by any company in Canada.

The original firm, James F. MacLaren and Associates, was founded in 1950. In 1980, the company joined the Lavalin Group and was reorganized into two sister firms: MacLaren Plansearch Inc., which undertakes planning and studies related to the environment and waste management, and MacLaren Engineers Inc., which provides feasibility studies, environmental engineering, construction supervision and project management services. In addition to the broad range of fields listed above, the MacLaren firms have access to the skills and expertise available within the Lavalin Group. This includes Enviroclean, a fully equipped Analytical Laboratory, and some 60 engineering and technical service companies located across Canada and around the world.

Madison Chemicals Inc.
490 McGeachie Drive
Milton, Ontario
Canada
L9T 3Y5
Tel: (416) 878-8863
Fax: (416) 878-1449
Mr. Gayle Rae
Sales Support

Since 1973, Madison has sought to attain a position of leadership in the development of state-of-the-art coating technologies to protect physical structures from their environment.

Our approach is a simple one; we are in the business of solving our customer's problems, This approach has been so successful that Madison is one of the fastest growing coating manufacturers in North America.

Driven by this problem solving philosophy, each product division at Madison represents the culmination of years of research and development. For example, our Corrocote division was born out of the need to protect underground steel storage tanks from their corrosive environment. Corrocote II "Classic" polyurethane coating was our solution. Today, it is the most widely used underground tank coating in North America.

These results could not be achieved without the right team of people. Every division or department at Madison consists of a group of knowledgeable people dedicated to ensuring that our customers receive the highest level of assistance in determining their needs.

Madvac Inc.
420 Place Trans-Canada
Longueil, Québec
Canada
J4G 1N8
Tel: (416) 670-0200
Fax: (514) 670-0299
Gabriel Charky
President

Incorporated in 1986 MADVAC manufactures a Vacuum Litter Collection Vehicle designed to overcome the advantages associated with manual litter picking and motorized sweeping. The MADVAC is sold primarily to Cities, Municipali-

ties, Military institutions and is currently used in Airports, Landfill sites Shopping Centres etc. It's patented straight-through suction system is powerful enough to pick-up anything from a cigarette to a pop bottle while compacting it in it's 60 gallon container. MADVAC markets it's product via a network of distributors in the U.S. and through manufacturer's agents worldwide. MADVAC offers many advantages such as power assisted vacuum hose, 30 second bag replacement. The MADVAC is easy to operate and practically maintenance-free. Studies and testimonials have rated MADVAC's performance at a ratio of sic (litter pickers) to one (MADVAC) in identical applications.

Mag-Chem Inc.
190, boulevard Industriel
Boucherville, Québec
Canada
J4B 2X3
Tel: (514) 655-1344
Fax: (514) 655-5428
Roger A. Garnache
V.P. Marketing

Incorporated in 1946, Magnus Chemicals Limited has grown steadily and now produces industrial cleaners (decarbonizers, paint strippers, descalers, etc.), metalworking, lubricants, and industrial water conditioning compounds (for boilers, cooling towers, closed heating systems). The pulp and paper, heating, ventilation, metal stamping and aerospace industries in Canada and the U.S. buy Magnus products.

Mann Testing Laboratories Ltd.
5550 McAdam Road
Mississauga, Ontario
Canada
L4Z 1P1
Tel: (416) 890-2555
Fax: (416) 890-0370
Steve Timmings

Mann Testing Laboratories Ltd. provides a comprehensive range of high-quality environmental testing services to government and industrial clients in Canada and the United States. Mann is certified by the Canadian Association of Environmental Analytical laboratories (CAEAL), New York State Department of Health for environmental testing, the Canadian Standards Association and the Canadian Standard Council (pending). Services include testing of emissions froms tationary sources, ambient and indoor air, water, wastewater, soil and hazardous wastes, as well as research and development services. The types of tests performed include: trace metals; anions; conventional chemistries; pesticides; herbicides; PCB's; volatile organics (VOC's); PAH's dioxinx/furans; and other pollutant chemicals. Our equipment includes: LC/MS/MS; GC/high-resolution MS; 11 other GC/MS systems; 30 GC's with various detectors; 8 HPLC systems; 34-channel ICP; flame and graphite-furnace AA's; automated chemistry analyzers; and various other equipment. With our extensive Research and Development capabilities; our expertise is available to assist you in solving both routine and non-routine environmental situations.

Maritime Scientific Services Ltd.
R.R. 5
Berwick, Nova Scotia
Canada
B0P 1E0
Tel: (902) 538-9762
Fax: (902) 538-1235
Jacqueline de Mestral
Sec./Treas.

Maritime Scientific Services Ltd. is a Nova Scotia based company, incorporated in 1983 to do oceanographic research and instrumentation. Extensive contract work has been performed, primarily for the Department of Fisheries and Oceans, Canada.

The company has developed and patented an automated system to characterise microscopic particles in fluids. The system is unique in its treatment of each particle individually through novel methods of data acquisition and procession. Applications include industrial fields, such as food processing (juices, milk, beer, etc.) and research (marine, medical, etc.). Sales of the system are starting in 1992.

Markland Specialty Engineering Ltd.
48 Shaft Road
Rexdale, Ontario
Canada
M9W 4M2
Tel: (416) 244-4980
Fax: (416) 244-2287
J.R Tansony
President

Incorporated in 1967, Markland Specialty Engineering Ltd. design and manufacture state-of-the-art process control instrumentation primarily for the water pollution control market. Markland ship all over the world from their factory which is located close to Toronto's Pearson International Airport. Markland have won awards and hold many patents for their instrumentation to monitor and control the sludge/liquid interface in gravity settling tanks. Markland are also one of the few manufacturers in the world who make Suspended Solids Meters that measure sludge density using ultrasonic attenuation which can operate in slurries that are too thick for optical Turbidimeters. Markland's patented DUCKBILLR style wastewater Samplers operate without mechanical moving parts for improved reliability and reduced maintenance. Technical application engineering assistance is available no charge to customers around the world via FAX. Please contact Markland for sales engineering assistance.

Marsh Engineering Ltd.
9 Hawk Street
Nanticoke, Ontario
Canada
N0A 1L0
Tel: (519) 587-4511
Fax: (519) 587-2340
M. Detenbeck
General Manager

Established 120 years ago in 1870, Marsh Engineering Limited serves the Canadian and U.S. markets and now has three manufacturing plants featuring modern equipment including Computer Numerical Control machinery. Marsh has expanded into many diverse fields including water treatment equipment. With these capabilities and a complete electrical and instrumentation division, Marsh produce complex machinery from the design phase through quality assurance and control to manufacture and installation. Typical of this effort is the design, manufacture and after market performance of their marine sewage treatment plant known as the CABOS Sewage Treatment System. A spin-off from this is the Canpure Ultraviolet Sterilizer used in disinfecting liquids.

Marshall, Macklin, Monaghan Limited
80 Commerce Valley Dr. East
Thornhill, Ontario
Canada
L3T 7N4
Te.: (416) 882-1100
Fax: (416) 882-0055
C.W. Longden
Vice President

Marshall Macklin Monaghan, established in 1952 and incorporated in Ontario and Alberta, is a privately held Canadian company, owned and managed by its practitioners, offering comprehensive consulting services to government and private sector clients across Canada and overseas. Twenty-two partners, 15 associate-partners and 53 associates

share in the overall management of a practice that currently numbers approximately 530 personnel, of whom one-third are registered professionals. Each partner serves a senior management role in a major area of activity, responsible for the many specialized services headed by associates who are recognized leaders in their respective areas of expertise.

The nature of most assignments undertaken by Marshall Macklin Monaghan necessitates the provision, in the organization, of a wide range of disciplines to comprehensively serve the needs of the client. The traditional discipline skills include ENGINEERING, in the fields of municipal, environmental, waste management, water resources, structural, transportation, traffic, mechanical, electrical, industrial and construction; SURVEYING, in the fields of legal, geodetic, photogrammetric, hydrographic, applied, geographic information services, remote sensing and digital terrain modelling; and PLANNING, in the fields of urban development, municipal, regional, economic, transportation, environmental and resource, tourism and recreation, heritage resource, urban design and landscape architecture. In addition, inter-disciplinary skills include project management, environmental assessment, market and economic analysis and computer sciences utilizing an in-house Digital VAX computer.

Maxim Engineering Inc.

202, 10468 Mayfield Road
Edmonton, Alberta
Canada
T5P 4P4
Tel: (403) 483-0461
Fax: (403) 484-3883
S. Donison
President

Maxim Engineering Inc. provides services in design and construction inspections of municipal, mechanical, structural, electrical, instrumentation, environmental, and process projects. Expertise includes water supply and sewage disposal facilities, streets and roadways, energy conservation and management, heavy equipment maintenance facilities, industrial process plants, and industrial buildings. Our capabilities include feasibility studies, project planning, predesign investigation reports, design, preparation of specifications and contracts, pre and post tendering services, project management and/or construction inspection services.

Our twenty-four engineers, technologists and support staff have been providing services in Alberta for more than a decade. In providing these services, we have demonstrated our ability to design and manage projects ranging in value from a few hundred to 15 million dollars.

McCarthy Robinson Inc.

321 Progress Ave.
Scarborough, Ontario
Canada
M1P 2Z7
Tel: (416) 298-1630
Fax: (416) 298-4305
Telex: 065-2511
Tom Payne
Sales Manager

McCarthy Robinson Inc. is a private Canadian company engaged in the marketing, design and manufacture of Air Filtration and Pollution Control equipment for industry.

The Company's products consist of West Scrubbers for Incinerator off-gas cleaning, or absorption of acid gases from process off-gas, adn Dry-Fabric Filters for dust collection.

The Company specializes in medium scale applications of flow-rates between 10,000 and 50,000 CFM.

Large systems can be subcontracted to local fabricators, with engineering and project management handled from Toronto.

The McElhanney Group Ltd.

200-1166 Alberni Street
Vancouver, British Columbia
Canada
V6E 3Z3
D.P. Mahony
Manager, Marketing

McElhanney provides comprehensive, integrated services based on an historical record of outstanding achievements in marine, aerial and land surveying, civil engineering, photogrammetric engineering, and urban and resource planning. The Company operates from 15 offices across Canada and overseas from permanent facilities in Singapore and Malaysia. Employing over 350 skilled specialists in the fields of surveying, engineering, photogrammetry, computer information and earth sciences, the Company has successfully completed projects in over 65 countries on all continents. Clients served include: governments of all levels, international financing agencies, crown/state corporations, and private sector firms from the resources, power, telecommunication and transportation sectors.

Specialized skills and services offered by the Company include hydrographic charting; navigation & positioning; geophysical surveys; route & Corridor surveys; geographic/land information services; photogrammetry; data conversion and structuring services; geodetic/control, cadastral and engineering surveys; and location, design and construction supervision for the development of municipal services and highways.

McGregor GeoScience Limited

P.O.Box 1604, Station M
Halifax, Nova Scotia
Canada
B3J 2Y3
Tel: (902) 420-0313
Fax: (902) 429-7186
Mr. John Stewart
President

McGregor GeoScience Limited was incorporated in 1973 and is a Canadian-owned, Nova-Scotia-based company specializing in performance of marine high resolution geophysical surveys and their interpretation. McGregor's services are applied to the assessment of environmental conditions such as geohazards studies for the offshore petroleum industry and to engineering assessments such as pre-dredging or pipeline route surveys of the seabed and to Canadian government research projects.

McGregor owns a full suite of marine geophysical survey equipment such as 24-channel seismic reflection system, sidescan sonar and shallow profiling devices. Interpretation services are supported by a computer-aided mapping system and by a PC-based, seismic processing system.

Export activity has been largely in support of the offshore petroleum industry. Though export sales are highly variable, the company has provided services in South and Central America, China, Indonesia, Africa, The Netherlands and Greenland.

McLeay & Associates Ltd.

502 Kapilano 100
West Vancouver, British Columbia
Canada
V7T 1A2
Tel: (604) 922-0355
Fax: (604) 925-1366
Don McLeay
President

Incorporated in 1981, McLeay Associates Ltd. offers specialized research and consulting services associated with the aquatic environment. In particular, the

company designs, coordinates and undertakes aquatic toxicity tests with samples of chemical (e.g., pesticides), effluent (e.g., pulpmill or mining discharges), elutriate, leachate, receiving water or sediment, in order to assess, estimate and monitor the environmental impact of aquatic contaminants. Senior scientists within the company have 40 years of combined experience in dealing with aquatic toxicity problems and investigations. McLeay Associates Ltd. is experienced in the design and performance of lethal and sublethal toxicity tests which relate to the freshwater, estuarine or marine environment. Test organisms include fish, aquatic invertebrates, algae, and bacteria. Through its corporate affiliations with regional analytical laboratories and biological consulting firms, broad-based environmental studies can be undertaken that include biological testing, chemical analyses, and surveys of populations and fish and benthos.

MCC Industrial Services Limited

1-6725 Millcreek Drive
Mississauga, Ontario
Canada
L5N 5V3
Tel: (416) 826-6800
Fax: (416) 826-4348
Hajime Shimanuki
Import Export Division

Incorporated in 1988, MCC Industrial Services Ltd., is a 100% wholly owned subsidiary of Mitsui & Co. (Canada) Ltd.
MCC's form of business is two-fold. (1) Like our parent company, we import/export heavy machinery and parts. While we generally import these products of procurement by North American suppliers with sales totalling approximately $6 million, we also look to increasing our exports. (2) Our Waste Management Division is unique for providing services to several manufacturing industries, by customizing and implementing systems to compile, transport and recycle all types of hazardous and non-hazardous wastes. Annual sales total approximately $4 million. A growth rate of close to 50% per annum is forecast for this market over the next five years.

Metacor Steel Products Ltd.

120, Industriel Boulevard
Repentigny, Québec
Canada
J6A 4X7
Tel: (514) 582-1810
Fax: (514) 582-1008
Denis Houde
Sales Manager

Metacor has seen its market grow steadily since it was founded in 1977. We specialize in manufacturing custom steel plates according to plans and specifications.

Although we do not have any product as such, we are able to supply manufacturing designs and drawings to meet all requirements, including tanks, silos, conveyers, hoppers, conduits, structures, pressure vessels, etc. More than 100 non-union workers are employed in our modern, 33,000-square-foot workshop with a capacity of more than 3,000 hours of fabricating per week. The main reasons for our success are quality control, a Z.299.3 procedure and financial stability.

Metal Recovery Industries Inc.

670 Strathearne Avenue North
Hamilton, Ontario
Canada
L8H 7N7
Tel: (416) 549-9894
Fax: (416) 547-1998
E.D. Rogers
President

In Hamilton, Ontario, since 1961, Metal Recovery Industries Inc., (MRII) operate Canada's only detinning plant for recycling tin-coated steel. Tin is recovered as 99.97 % pure metal, or in chemical form as sodium or potassium stannate for the electroplating industry. MRII also operate processes to recover tin from spent plating solutions or tin-lead stripping solutions.
MRII have annual sales of $7 million, and less than 10% of this is export business.

MRII have recently developed technology for dezincing of galvanized steel scrap for recovery of zinc prior to scrap melting, thereby substantially reducing the amount of zinc appearing in the steel mill waste. The dezincing technology is applicable to loose or baled scrap.

Metocean Data Systems Limited

P.O. Box 2427 D.E.P.S.
40 Fielding Avenue
Dartmouth, Nova Scotia
Canada
B2W 4A5
Tel: (902) 468-2505
Fax: (902) 468-4442
Home Phone: (902) 455-3312
Bernard G. Petolas, P. En
Sales Manager

METOCEAN Data Systems Limited designs, develops and manufactures data acquisition and telemetry systems for in situ environmental monitoring and data collection. METOCEAN was founded in 1985 as a private corporation and is currently 75% owned by its employees. The company occupies 12,000 square feet of leased space in Dartmouth, Nova Scotia.
METOCEAN has 35 employees of which half are Professional Engineers.

METOCEAN has developed a line of unique and cost effective products including standard and sonobuoy size drifting buoys, arctic instrumentation, sophisticated transmitters/interfaces and ambient noise sensors. Applications for METOCEAN products are in meteorology, oceanography, polar research and defence. Marketing is directed primarily towards government agencies and departments and research institutes. METOCEAN exports approximately $2.5 Million per year to various country such as Norway, the United Kingdom, Australia, Germany and Italy, as well as the US. Major Us clients are the Navy, NOAA and various private corporations.

Milltronics

730, The Kingsway
P.O. Box 4225
Peterborough, Ontario
Canada
K9J 7B1
Tel: (705) 745-2431
Fax: (705) 745-0414
Telex: 06962851
Answer Back: MILBORO
Robert Hunter
Inter. Marketing Manager

Milltronics is a Peterborough based company specializing in the manufacture of equipment for industrial process measurement.

Founded in 1954, Milltronics began engineering electronic grinding controls for the milling industry. Gradually the company diversified its product line, developing a wide range of process measurements. These include non-contacting, ultrasonic systems, weighing and feeding equipment, and motion sensing devices.

Today, Milltronics' ultrasonic equipment monitors levels from a few inches to over two hundred feet. They operate effectively on solids, liquids, slurries and resins, in hazardous areas and hostile environments. Combining microcomputer circuitry with ultrasonic technology has produced new technical achievements.

At the same time, it is ideally suited to the mining, quarrying, chemical cement, grain and petroleum industries.
These industries also provide markets for Milltronics' highly successful line of Weighing and Feeding equipment, which includes Belt Scales, Solids Flowmeters and Weighfeeders.

Mobius Plus
2215 Belgrave
Montréal, Québec
Canada
H4A 2L9
Tel and fax: (514) 481-7987
Mobile: (514) 983-6322
Bruce Hannough
President

Registered in 1990, Mobius Plus represents a manufacturer engaged in producing exceptionally high-quality, rugged plastic molded parts for industrial and commercial use. The industrial products are concentrated in the material handling field and include re-useable semi-bulk, liquid (chemical) and powder storage/transport containers. Marketing is directed to a wide array of end-uses ranging from primary manufacturers of chemical and hazardous liquids to fresh fish and food processors.

Export sales total approximately $5 million, (predominantly U.S.). With manufacturing based in Ontario and, sales offices in Quebec and Vermont, Mobius Plus is well positioned to serve an expanding North American market.

Monenco Consultants Ltd
400 Monenco Place
801-6th Avenue S.W
Calgary, Alberta
Canada
T2P 3W3
Tel: (403) 298-4170
Fax: (403) 298-4125
La Panek
Vice President

Monenco Consultants Limited (MCL) is a wholly owned subsidiary of Monenco Limited and is the chief operating company.

Serving private and public companies, governments and international lending agencies in more than 70 countries, MCL is made up of 27 subsidiaries and associated companies in Canada, the United States and abroad.

Monenco is engaged in the power, oil and gas, mining, industrial, and environmental fields. It has specific expertise in waste management; management of the radio frequency spectrum; development and implementation of computer technology products and applications; provision of engineering, procurement and construction management (EPCM) services for the oil, gas, petrochemical and process industries; occupational health and hygiene; facilities information management (FIM) and land information systems (LIS) services, as well as software development.

Monenco provides consultancy services in most aspects of engineering and integrated project management, including research, design, development, and implementation of projects, large and small throughout the world.

Monenco Maritimes Limited

Suite 800, 1809 Barrington St.
Halifax, Nova Scotia
B3J 3K8
Canada
Tel: (902) 429-8110
Fax: (902) 425-8295
Mr. J.H. McCrea, P.Eng.
Manager

Monenco Maritimes Limited, a Nova Scotia company, is wholly-owned by the Monenco group Ltd. which had its origin as Montreal Engineering Company, Limited whose operations started 85 years ago in the electric power field. Monenco Maritimes Limited was formed in 1985 to improve services to the Maritime region. The Company provides engineering and project management services for hydroelectric, thermal electric, industrial, marine, water resources, environmental, mining, energy management, buildings and other engineering projects. To meet the demands of clients throughout Nova Svotia and the Maritime region the Company maintains a qualified staff of professionals in its Halifax, Nova Scotia office. Projects are executed through this office and as the workload continues to grow staff continues to increase. Monenco Maritimes Limited also offers access to the experience and capabilities of a qualified staff of over 1,800 from the Monenco Group ltd.'s Technical Department located in offices throughout Canada and worldwide.

Morrison Hershfield Limited

4 Lansing Square
North York, Ontario
Canada
M2J 1T1
Tel: (416) 499-3110
Fax: (416) 499-9658
Telex: 06-986219
D.E. Patterson
Corporate Development

Established in 1946, Morrison Hershfield Limited provides a diverse range of structural and civil engineering services for commercial, industrial, recreational, communications, transportation, and environmental protection projects. The company provides expertise in environmental controls, including the design and balancing of airflow systems; the determination and control of airborne contaminants in industrial facilities; and computer modelling of liquid and air flows to study the thermal behaviour of buildings, smoke migration, and air quality and distribution. Clients include those interested in resolving indoor environmental problems in existing structures, in designing systems for new or renovated facilities, and in feasibility studies and programs for decommissioning buildings.

Mosaik EMK

1175, Janelle
Drummonville, Québec
J2C 3E2
Canada
Tel: (819) 477-6661
Fax: (819) 477-6898
Robert Gendron
Vice President

Developed in 1980, the patented EMK system is based on a modular principle that allows for the creation of perfectly curved panels. The system consists of an aluminum section whose structural rail is the main component. The polycarbonate, anti-static, self-extinguishing, ultraviolet light-resistant tile is the visible element of the EMK System synoptic panel. The panels come in a wide variety of colours and in the following dimensions: 24mm X 24mm, 24mm X 48mm and 48mm X 48mm. The EMK System allows for simultaneous visualization and monitoring of all operations at low cost, as it only takes a few minutes to modify, adjust or extend a panel, without shutting down operations. Mosaik EMK clients often deal through firms specialized in instrumentation and automation in the

following sectors: manufacturers with advanced manufacturing processes, public transport, environmental protection and energy.

Export sales reached $1 million (20% of exports were to the U.S.). Sales are often made by preferred distributors who include the EMK System in bids for more extensive or complementary services. Marketing efforts for the 1991/92 fiscal year will be directed at the U.S. market, involving participation in trade shows and the creation of a preferred distributor network.

Multiview Geoservices Inc.

5566 Tomken Road
Mississauga, Ontario
Canada
L4W 1P4
Tel: (4160 629-0979
Fax: (416) 624-9365
John Scaife
General Manager

Multiview Geoservices Inc. is a Canadian company which specializes in the delivery of high resolution subsurface mapping for engineering and environmental projects. The company's professional staff brings the most advanced technologies available combined with state-of-the-art data processing and display facilities to address site investigation projects. Project experiecne is highly varied and ranges from seismic surveys for hydro electric power dams to detailed ground penetrating radar and electromagnetic measurements to map groundwater contamination.

National Boring and Sounding

110 Boul. René Lévesque Ouest
Montréal, Québec
Canada
H3B 4P3
Tel: (514) 876-4455
Fax: (514) 876-9273
Lech Brezinski
President

National Boring and Sounding Inc., incorporated in 1937, is one of the oldest geotechnical and materials testing firms in Canada. It offers services in the following areas: geotechnical studies, quality control, inspection of soils and materials, rehabilitation and closing of sites, hydrogeological surveys, quality assurance surveys and programs for metallurgy, chemistry geochemistry and water, analysis. It also operates a fully equipped modern laboratory for its own in-house tests. Finally, as a division of Lavalin group, National Boring and Sounding Inc. has access to over 2,800 engineers and professionals for its operations in Canada and worldwide.

Nawitka Renewable Resource Consult. Ltd.

840 Cormorant ST.
Victoria, British Columbia
Canada
V8W 1R1
Tel: (604) 384-5133
Fax: (604) 384-1841
Telex: 049-7347
G.S. Nagle Phd.
President

Incorporated in 1974, NAWITKA is a small consulting firm specializing in the economics of the forestry sector. The firm has conducted planning, research, monitoring and evaluation studies on forestry sector projects in all provinces of Canada, and over 40 countries.

With associates technical subjects have included forest resource monitoring and modern management systems, industry development, public forest policy, agroforestry, and conservation of forest resources, wildlife and biodiversity.

Clients have included corporations (eg CP Forest, Fletcher Canada, Scott Canada); public agencies (eg Forestry Canada, BC Min Forests, Economic Council of Canada);

international aid agencies (eg CIDA, World Bank. USAID); conservation agencies (eg IUCN, WWF, Commonwealth Secretariat). The firm maintains an active roster/data bank of consultants in forestry and conservation. Completed projects worth approximately $1 million in 1990-91.

Neill and Gunter Limited

191 Prospect Street
P.O. Box 713
Fredericton, New Brunswick
Canada
E3B 5B4
Tel: (506) 452-7000
Fax: (506) 452-0112
Telex: 014-46238
Kenneth F Reeder
Vice President

Neill and Gunter Limited, established in 1964, is a consulting and design engineering firm with over 200 engineers, technicians, draftsmen and support personnel with offices in Fredericton, New Brunswick,; Dartmouth, Nova Scotia and Scarborough, Maine. Our professionals are experienced in civil, structural, electrical, mechanical, controls and processing engineering.
Neill and Gunter specializes in the development and design of industrial facilities and is a leader in the fields of renewable resources and energy systems with particular expertise in forest products and the application of computer based control systems. Other areas of expertise include project management, chemical processes, shipping and warehousing, electronics, mining and metals, food processing and brewing, aviation facilities, power generation and distribution, bridge and highway design, industrial park planning and development, sewage collection and treatment, solid waste management, waste to energy systems, water supply and distribution, energy conservation studies and design, and structural, electrical and mechanical systems for buildings.

Neles-Jamesbury Ltd.

1282 Algoma Rd.
Ottawa, Ontario
Canada
K1B 3W8
Tel: (613) 746-2211
Fax: (613) 746-0639
Frank Brunet
Director

Neles-Jamesbury Ltd. supplies industrial valves and related services to the process industries, most notably pulp and paper manufacturers. The products are ball valves, butterfly valves, segment valves and linear globe control valves, together with valve actuators, limit switches and other accessories. Valve design is based on quarter-turn technology. Neles-Jamesbury is one of the technology leaders in its field and one of the world's largest manufacturers of industrial valves. It offers the w
world's widest selection of rotary valves.

Nisymco Enr.

22 Stephenson Ave.
Dollard Des Ormeaux
Québec Canada
H9A 2V9
Tel: (514) 684-2668
Fax: (514) 684-5467
Eli Hay
President

Established in 1987, Nisymco has, together with its two sister com panies, six engineers with an average experience of 25 years each. Activities in the environmental field cover water and air and dust control.

In the fields of fabrication, light structures in Aluminum or special alloys and specific scrubbers are the main items available. In 1989 and 1990, 60% of the work was for two multinationals, for contracts in engineering for Hawaii, Brazil and England.

NLK-Celpap International Inc.

1425 René-Lévesque Blvd Ouest
8th Floor
Montréal, Québec
Canada
H3G 1T7
Tel: (514) 875-7950
Fax: (514) 397-6856
Patricia Marion
Manager Administration

Incorporated in 1982, NLK-Celpap Canada (Montreal) Inc. are consulting engineers to the pulp and paper industry. We offer a full range of services which include Feasibility Studies, Design Engineering, Construction Management, Training and Start-up and Operation Management. The world of NLK-Celpap encompasses offices or representatives one very continent enabling us direct access to information essential to our Client's decision making.

All of this, combined with the best in Canadian and Scandinavian (through our mother company) technology equip NLK-Celpap with the specialized knowledge and expertise necessary to fulfil our Client's pulp and paper needs.

Norecol Environmental Consultants Ltd.

Suite 700
1090 West Pender Street
Vancouver, British Columbia
Canada
V6E 2N7
Tel: (604) 682-2291
Fax: (604) 682-8323
Niko Zorkin
President

Incorporated in 1981, the Norecol Group consists of 4 companies. Norecol Environmental Consultants Ltd. provides a broad range of environmental services to both public and private sector clients including mining, industrial, forestry, as well as the urban and resort developments. We specialize in taking projects through the entire development process as it relates to environmental issues including regulatory approvals, environmental management, environmental impact assessments, and environmental planning and design.

Norecol Inc. is based in Bellingham, Washington and provides similar services with particular expertise in wetland assessments. Norecol Environmental Management specializes in hazardous waste and site assessments and assists clients in developing effective clean up and mitigation plans. Norecol Recycling is currently marketing an innovative solid waste system especially designed for dealing with the problems associated with the municipal waste.Norecol

Environmental Management Ltd.

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1090 West Pender Street
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Canada
V6E 2N7
Tel: (604) 682-2291
Fax: (604) 682-8323
Robert A. Hawes, Ph.D.
President

Norecol Environmental Management Ltd. is a leading environmental management company specializing in the assessment and mitigation of environmental risks facing business. Our services encompass real property due diligence assessments, environmental performance audits (compliance reviews) of operations, planning and permitting, handling and disposal of hazardous materials, and site decommissioning and remediation.

The Norecol Difference is practised by our professional and technical staff, a network of skilled specialists, and is supported by the diversity of ten years of project experience. Combining specialties and depth of experi-

ence in our staff, Norecol can provide the practical and innovative solutions required for today's stiff environmental regulations. We understand the different needs and safety issues which a project requires, whether we are evaluating compliance issues for a sawmill operation or assessing a future elementary school site. Norecol Environmental Management Ltd. has the project experience and the professional expertise to provide the environmental management services you and your company seek.

Norland Science & Engineering Ltd.

902-280 Albert St.
Ottawa, Ontario
Canada
K1P 5G8
Tel: (613) 236-5876
Fax: (613) 238-1734
Dugald G. Wells
President

Norland Science and Engineering Ltd. was founded in 1981 to provide consulting services in the fields of sea ice and remote sensing. Scientific studies of the environment include ice, ocean and weather climatology; engineering studies involve specification of environmental design criteria pertaining to marine transportation systems and vessel navigation. The company also has a strong operational focus, with expertise in project evaluations, user requirement studies and training.

Exports are currently a small portion of sales, but excellent growth potential is foreseen. Norland has developed a strong global perspective on sea ice and remote sensing in polar regions through participation in several international projects. Contacts are maintained with foreign polar research institutions, and the company has worked in the USA, USSR and the Scandinavian countries. Major Canadian clients include: the Canadian government departments of the Environments, Transportation, and Energy, Mines and Resources; Canarctic Shipping Company Ltd.,

Fleet technology Ltd. and Mobil Oil Canada Ltd. Nortech Surveys (Canada) Inc.

319-2nd Avenue, S.W.
Calgary, Alberta
Canada
T2P 0C5
Tel: (403) 262-0300
Fax: (403) 262-0810
T. Crago
President

Nortech Surveys is a high technology surveying and navigation company that has been offering services worldwide for over 15 years. Operating from its head office in Calgary, Alberta, it has operational offices established in Dartmouth, Nova Scotia and the Sultanate of Oman. Nortech offers a complete range of services, including: offshore surveys, GPS static and dynamic positioning, inertial surveys, and specialized integrated systems including their airborne laser terrain profiling systems and digital video geographic (DVC) system. Nortech's prime strength lies in software and hardware development related to navigation and position determinations on the earth's surface and the operational implementation of these systems worldwide. Nortech is a pioneer in the area of inertial guidance systems, satellite doppler navigation techniques

and GPS positioning techniques, and has to its credit some 50 scientific papers published by its senior staff members.

North/South Consultants Inc.

202-1475 Chevrier Blvd.
Winnipeg, Manitoba
Canada
R3T 1Y7
Tel: (204) 284-3366
Fax: (204) 477-4173
Stuart Davies
President

North/South Consultants Inc. and its subsidiary, Invertebrate Research Associates, are environmental consulting companies specializing in tropical aquaculture, fisheries management, environmental impact assessment, biological monitoring projects and marine and estuarine ecosystem research. Established in 1980, the companies have successfully conducted a wide range of environmental contracts in areas ranging from the Canadian Arctic to Africa. The professional consulting services offered include feasibility studies, project monitoring and management, and developmental projects.

Northridge International (Canada) Ltd.

1200, 421-7Th Avenue S.W.
Calgary, Alberta
Canada
T2P 4K9
Tel: (403) 237-7377
Fax: (403) 265-8017
Telex: 03-827010
Joorge Valimitjana
Director

Northridge International (Canada) Ltd. was incorporated in November of 1988 as a wholly-owned subsidiary of Northridge Canada. It was formed to complement the existing crude oil trading function within Northridge's Marketing Company.

Its objective is worldwide exports with emphasis on Latin America and the Caribbean through the supply of equipment & services on a turn-key basis for oil & gas related projects. In addition, it facilitates Canadian manufacturers in utilizing the lines of credit available from EDC and to process financing applications as well as to act as disbursement agent for Canadian companies. Other sectors of interest are railways, electrical and mining industries.

Northside Steel Fabricators Ltd.

1496 Brier Park Crescent N.W.
P.O. Box 1180
Medicine Hat, Alberta
Canada
T1A 7H3
Tel: (403) 527-8806
Fax: (403) 529-1821
John Fyke
Vice-President

In business since 1936, Northside Steel Fabricators Ltd./ Wittke iron Works manufactures a complete line of refuse containers and refuse trucks of all styles including the Pegasus Front Loader, Automated Side Loader, Clydesdale Manual Side Loader, Super Burro Side Loader, Burro Satellite truck, roll off tilt frames, transfer stations and transfer trailers. A complete line of recycling trucks are also produced.

We are presently dealing with all the major governments in Western Canada as well as major private companies such as Browning Ferris Industries, Waste Management Inc., and Laidlaw Waste Systems.

Nova Environmental Systems Incorporated

25 Akerley Blvd. Burnside
Dartmouth, Nova Scotia
Canada
B3B 1J7
Tel: (902) 468-8848
Fax: (902) 468-8767
James A. Dyer, P.Eng.
President

Nova Environmental Systems Inc. own and operates a fully equipped environmental analysis laboratory, Atlantic Canada's first commercial wastewater treatment plant, and a fuel recycling operation, all at our modern site in the Burnside Industrial park in Dartmouth.

We offer five main services throughout the Atlantic Region:

1. Treatment and disposal of Industrial Wastewater.
2. Environment Analysis Services
3. Used Oil Recycling
4. Environmental Site Audits
5. Supply of Reclaimed Fuels.

In addition, we have developed a network of trucking and collection firms which allow us to handle oil spills, contaminated groundwater near underground tanks, used oils, bilge waters, and other oil and water mixtures anywhere in the Atlantic region.

Nova Scotia Research Foundation Corporation

101 Research Drive
Woodside Industrial Park
P.O. Box 790
Dartmouth, Nova Scotia
Canada
B2Y 3Z7
Tel: (902) 424-8670
Fax: (902) 424-4679
J.W Thorpe
Director

Established in 1946, NSRFC's goals are to assist Nova Scotia industries in solving today's technical problems and to develop and innovate new products and processes in anticipation to tomorrow opportunities. In our three operating divisions we offer a full range of scientific and technical services: e.g. analytical and environmental chemistry, biology and micro biology, materials testing and corrosion analysis, Coal and mineral technology including environmental clean-up processes, bio-resource machinery for forestry, agriculture and fisheries. Environmental assembly testing and new product development and small scale manufacturing.

Numet Engineering Ltd.

678 Neal Drive, P.O. Box 1776
Peterborough, Ontario
Canada
K9J 7X6
Tel: (705) 743-2708
Fax: (705) 743-3216
Chris Adamson
V.P. Marketing

NUMET Engineering Ltd. (NEL) is active in the nuclear, industrial automation, environmental and defence business sectors. The company has built its reputation on providing reliable equipment. Quality is engineered into product system designs to give innovative and cost effective solutions. The company operates to quality programs developed for the nuclear and defence industries.

The company produces mechanical process and material handling robotics equipment. Its products include high integrity glove boxes (for use in medical, biological and nuclear handling applications), sealed waste containers (for nuclear and industrial); pressure vessels, filters strainers, process equipment (stainless steel and other); and material handling equipment (nuclear and industrial). Services provided by the company range from engineering concept to detailed equipment/system

design, through to installation and commissioning services. The markets served by NEL are the Canadian nuclear utilities, foreign nuclear utilities using the Candu system (through AECL), various industries, and government departments (Defence, Environment, Energy and Public Works).

Nutech Environmental

511 McCormick Boulevard
London, Ontario
Canada
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Tel: (519) 457-2963
Fax: (519) 457-1676
Brian Butters
General Manager

Nutech Environmental is a division of Nutech Energy Systems Inc. Nutech, incorporated in 1980, is a manufacturing and marketing organization with a proven record of developing products and bringing them to market. The company's growth rate is 25% per year with annual sales in excess of $6 million. The company has developed a continuous flow technology and products under the brand name NULITE™ that destroys organic contaminants such as PCBs or Dioxins in air or water.
NULITE™ is a flexible photocatalytic process based on a Titanium catalyst which operates at ambient temperature and pressure. NULITE™ products have applications in Ultra pure water, drinking water, ground water remediation, and plant process water. Air applications include TOC and VOC reduction in stack emissions, plant emission, bio-oxidation emissions and clean rooms. The majority of sales have been to industrial users in the USA and Japan.

O'Connor Associates Environmental Inc.

1144-29th Ave. N.E. Suite #201
Suite 101
Calgary, Alberta
Canada
T2E 7P1
Tel: (403) 250-9790
Fax: (403) 291-5150
David Williams
Associate

O'Connor Associates is a Canadian consulting firm specializing in environmental and geotechnical engineering. Established in 1979, the firm has a staff of approximately 130, based in offices in British Columbia, Alberta, Manitoba, and Ontario. The firm has conducted environmental investigations at more than 1700 sites throughout Canada, including industrial pant sites and petrochemical facilities such as refineries, bulk plants and service stations. Many of these projects have also involved spill clean-up or soil and groundwater remediation. Clients include major oil companies, industry operators, developers, regulatory agencies and government departments at the federal, provincial and local level.
In addition to the consulting services offered with respect to contaminated sites, O'Connor Associates maintains a dedicated research and development group active in the areas of monitoring technology, in situ remediation measures numerical modelling of multi-phase contaminant transport. Through a subsidiary company, O'Connor Associates also designs, manufactures and supplies equipment for contaminant recovery, site remediation and soil and groundwater monitoring.

Export activities to date have been limited to a small number of projects in the US; however, O'Connor Associates is interested in expanding its environmental consulting services into international markets.

Oak Environmental Equipment Supply Ltd.

Bay 103, 4712-13 Street N.E.
Calgary, Alberta
Canada
T2E 6P1
Tel: (403) 250-9810
Fax: (403) 250-3978
Terry McNeill
Technical Sales Manager

Oak Environmental equipment Supply Limited (OAK) is a Canadian company with its head office located in Calgary, Alberta. OAK specializes in the manufacture, distribution and installation of environmental and hydrogeological equipment. OAK's primary expertise is in the design and production of equipment utilized in site investigations, contaminant recovery and subsurface remediation of hydrocarbon and chemical spills. OAK's comprehensive product line includes monitoring and sampling equipment, liquid recovery and ground water treatment systems, catalytic incineration units, oil/water separators and containment products. Since OAK's incorporation in 1985, OAK has successfully marketed its products throughout Canada and the United States. The Slim Hole Piston (SHP) pump has gained wide acceptance as a contaminant recovery system. It is suitable for installation in wells 50 mm (2 inches) in diameter and larger. OAK has recently obtained the Canadian rights to distribute the BACT-1 state-of-the-art Soil Remediation System. OAK's clientele includes major oil and chemical companies, environmental and geotechnical firms, and mechanical contracting companies.

Oceanroutes Canada Inc.

Swire House
271 Brownlow Ave.
Dartmouth, Nova Scotia
Canada
B3B 1W6
Tel: (902) 468-3008
Fax: (902) 468-3009
Geoffrey P. Augn
Vice President

OCEANROUTES SEIMAC has been providing scientific and professional services as well as scientific instrumentation to international clients since 1978. The Company, a member of Swire Environmental Applied Sciences (SEAS), is affiliated with the worldwide Oceanroutes Group, which has offices in 10 countries. Specialization has been in the design and manufacture of rugged data collection devices for maritime applications, with emphasis on the harsh polar environment. These applications require state-of-the-art microprocessing, analog to digital conversion, digital storage, date processing, telemetry and analytical expertise. Research development projects have resulted in a wide range of products including a line of 11 drifting buoys. Specialization in acoustics, oceanography and meteorology. In addition, databases for military applications have been developed. OCEANROUTES SEIMAC works closely with the defence and scientific communities to meet their needs to oceanographic input into strategic decisions. OCEANROUTES SEIMAC's weather office operates out of its Dartmouth Office and provides site specific forecasting for offshore oil platforms on the east coast of Canada. OCEANROUTES SEIMAC is continually applying ocean science at the forefront of technology to ensure that its acoustics, oceanographic and meteorological science is directed towards the strategic responsibilities of the nation. Growth is built on a commitment to Quality and dedication to always meet or exceed client requirements.

Offshore Systems Ltd.

1974 Spicer Road
North Vancouver, British Columbia
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V7H 1A2
Tel: (604) 929-7961
Fax: (604) 929-3260
Siavash Vojdani
CEO

Offshore Systems Ltd. (OSL) began operations in 1984. The company grew out of an active service company -- Offshore Survey and Positioning Services Ltd. (OSPS), founded in 1977. OSL produces electronic charts and electronic chart display and information systems (ECDIS) for the marine transportation and survey industries.

OSL's ECDIS systems include PINS 9000 and PINS-VME. PINS 9000 is a precise integrated navigation display system for use in narrow waters, route surveying, and dredging. Over 30 systems are currently in use, PINS-VME features radar overlay and target tracking capability. OSL also offers a land-based, low maintenance radar-assisted precise navigation system (RANAV) that uses circularly polarized radar returns.

Opim Consultants Inc.

#15 34 th. Ave.
Edmundston, New Brunswick
Canada
E3V 3T1
Tel: (506) 739-7378
Fax: (506) 735-5729
Jean-Paul Collin
President

Incorporated in 1978, OPIM Inc. provides consulting services to the international mechanical forestry and lumber products industries. Services include turn key start up of wood products plants. Design, procurement, installation, supervisory, management and operator training.

OPIM Inc. also offers market and feasibility analyses with strong environment and ecological considerations in all aspects of the projects. Operations analysis to improve plant performance, product quality assurance and diversification is also offered.

OPIM is a leader in personal training and development and implementations of quality and central systems in plant operations. Export services to the international community accounts for 75% of gross revenues which approximates $ 1 million per year. Marketing is generally targeted for small and medium industries.

Optech Systems

701 Petrolia Road
Downsview, Ontario
Canada
M3J 2N6
Tel: (416) 661-5904
Fax: (416) 661-4168
Bill Matvichuk
Marketing Manager

Optech was established in 1974, initially to take advantage of research taking place at nearby York University. It is a privately held, 100% Canadian-owned R&D company with 40 employees, and 1400 square meters of offices, laser and electronics laboratories, electro-optical CAD facilities, SUN and PC computer systems, and assembly and test facilities.

Optech has a history of technological innovation; its scanning lidar bathymeter produced data for the world's first nautical chart based on lidar data, and Optech is currently participating in the Canadian Space Program. In 1986 a sister company, Optech Systems, was created to manufacture and market promising offshoots of R&D activities.

Optech Systems

701 Petrolia Road
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Canada
M3J 2N6
Tel: (416) 661-5904
Fax: (416) 661-4168
Bill Matvichuk
Marketing Manager

Optech Systems Corporation, established in 1986, manufactures products developed by its sister company, Optech Inc. It is a privately held 100% Canadian-owned company with 150 square meters of offices, assembly and test facilities, and access to optech Inc.'s laser and electronic laboratories, electro-optical CAD facilities, and SUN and PC computer systems.

Optech has distribution agreements with representative in North America, Europe and Asia. Target markets are:

Aerospace-Mining-Forestry-Marine & Off-Shore Industry-Remote Sensing-Military Manufacturing-Scientific Research-Environmental Monitoring-Airborne, Coastal & ground Surveys.

Optech is presently collaborating with a major mining organization to develop and commercialize a laser-based system for the mine survey industry.

Ortech International

2395 Speakman Drive
Mississauga, Ontario
Canada
L5K 1B3
Tel: (416) 822-4111
Fax: (416) 823-1446
Robert Bowen
Marketing Manager

Founded in 1928, ORTECH International is a broadly based technical services company with approx. 400 employees. ORTECH helps industry to improve its environmental performance and reduce waste management costs through Reduction, Reuse, Recycling and Recovery. Competitive advantage comes from a multidisciplinary approach that includes expertise in the environmental sciences, product and process development, and materials technologies. The company is also a leader in emission control and alternative fuel technologies for light and heavy duty vehicles.

Export sales in 1990, on a consolidated basis, were approx. $3 million or 10-15% of sales, with half of this from environmental services. Approx 90% of this business comes from the U.S.A. ORTECH is also proactive in England and reacts to special opportunities in the rest of the world. In the U.S.A. ORTECH's market targets include the transportation sector and leadership manufacturers who require diverse technical expertise, and the E.P.A. and the Department of Energy.

P. Lane & Associates Ltd.

5439 Cogswell Street
Halifax, Nova Scotia
Canada.
B3J 1R1
Tel: (902) 423-8197
Fax: (902) 429-8089
Gary Sirota
Vice-President

P. Lane and Associates Limited (PLA) is an environmental consulting company, offering a wide range of environmental services focusing on development and application of environmental impact and risk assessment techniques, and ecological modelling. Established in 1984 in Halifax, Nova Scotia, PLA is an autonomous entity, independent of corporate affiliation. Environment is our only business. We have successfully completed projects in Canada, the United States, the Far East, Seychelles, and the Caribbean. Several project have focused on global environmental issues and problems.

The major services we offer are:
Project Management
Environmental Impact/Risk Assessment and Management)
Fisheries and Aquatic ecology
Environmental Chemistry and Contaminant Assessment
Air and Water Pollution Control
Solid Waste Management
Environmental Engineering
Terrestrial Ecology
Physical Oceanography/Sedimentology
Environmental and Community Planning: International and Domestic
Biotechnology and Pollutants Monitoring
Data Processing/Analysis
Environmental Modelling
Environmental Training, Review, Policy;

Public ParticipationSandwell Inc.

Park Place
666 Burrard St
Vancouver, British Columbia
Canada
V6C 2X8
Tel: (604) 684-0055
Fax: (604) 684-7533
Alan Pyatt
President & CEO

Sandwell Inc. provides engineering, strategic planning and information technology services to industry and government throughout North America and around the world. the company has operated since 1925 and currently has approximately 1700 employees at offices located in the central business regions of Canada and the United States.

Chief sectors of activity for Sandwell's Engineering and Construction Services Group are pulp and paper, transportation, ports and materials handling, energy and petrochemical, food and beverage, environment and waste management, and manufacturing. Environmental capabilities and expertise encompass environmental assessment and remediation, and source reduction, reuse, treatment and disposal of wastes.

Sandwell's Strategic Services Group, comprise of Sandwell Management Consultants, T.M. Thomson & Associates, and Widman Management Consultants, provides consulting and strategic planning services to the forestry sector.

Through Data Systems, Sandwell's information technology division, the company is also a leading supplier of advanced computer control systems to the telecommunications, energy and materials handling sectors.

Patterson Industries (Canada) Limited

250 Danforth Road
Scarborough, Ontario
Canada
M1L 3X4
Tel: (416) 694-3381
Fax: (416) 691-2768
Mike Lindsey
Sales Manager

Patterson Industries (Canada) Limited, established in 1945, has long been recognized as a leading designer and manufacturer of custom designed equipment for the process industries. A complete range of engineering and manufacturing services relating to heat recovery, heat exchange and energy conservation are provided. Engineering assistance in the application of heat transfer equipment to existing and proposed facilities is available through the assistance of Patterson heat transfer engineers. The company custom designs and manufactures heat exchangers in any weldable material up to 4,650 m^2 (50,000 sq. ft.) in size. Sophisticated computer techniques are utilized in order to provide optimum solutions to the most difficult design problems and complex processes. A repair and re-design service for existing units is also offered to update units of older design to attain optimum perfor-

mance. Products are supplied to clients in the U.S., Europe, South America and Asia.

The Pegasus Consulting Group
4316 Locarno Crescent
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Canada
V6R 1G3
Tel: (604) 222-1036
Fax: (604) 222-0914
David Williams
Partner

Founded in 1989, Pegasus is comprised of former senior members of resource development companies, major consulting organizations and government,. The Pegasus Consulting Group offers biological, economic, planning, management and information services that are designed to solve today's business and resource development problems. Pegasus' approach is multi-disciplinary and is a comprehensive approach to problem-solving that works.
Pegasus' approach has succeeded across a spectrum of economic sectors, from industry through food production to the environment. Pegasus has proven itself in every Canadian province and territory as well as over 30 countries throughout the world. Pegasus is unique in offering clients the knowledge, experience and expertise characteristic of large consulting firms, but with the flexibility, creativity and overheads of a lean and competitive entity. Pegasus' strength lies in its ability to field cohesive multidisciplined units. In addition to its in-house expertise, Pegasus can draw upon talented associates in related disciplines.

Penticton Foundry Ltd.
568 Dawson Avenue
Penticton, British Columbia
Canada
V2A 3N8
Tel: (604) 492-7043
Fax: (604) 492-6933
Steve Martin
Metallurgical Techni

Penticton Foundry Ltd. was established in 1935. From its 5,600 m^2 (60,000 sq. ft.) of production area, Penticton Foundry casts from 15 to 20 t of metal daily. The company manufactures high quality, varied castings. The company is constantly improving and expanding its production capability by following and adapting modern techniques of casting processes, quality control, and environmental requirements. Castings include various grey ductile iron pot skirts and syphons for the aluminum smelting and manufacturing industries, manhole frames and covers for municipal use, liner plates for crushers in the mining industry, pump casings and pillow blocks for various locations and industries, cable drums and bases for various industries, and services and parts for the lumber industries.

Petwa Canada Ltd.
4120-23rd St. N.E.
Calgary, Alberta
Canada
T2E 6W9
Tel: (403) 250-2650
Fax: (403) 291-5251
Telex: 03-825762
Ken Heuchert
Vice President

Petwa International Inc. resulted from the 1991 amalgamation of Petwa Canada Ltd., Hankin Atlas Ozone Systems Limited and Petwa Deionization Inc. The Company designs, manufactures and distributes a complete line of water treatment process equipment. Markets served range from small household requirements and medical applications (kidney dialysis, burn units, etc.) to industrial water treatment and municipal-sized water and wastewater systems. The merger of petwa (founded 1946) and Hankin (founded 1954)

brings together many years of complementary technological development and marketing expertise. The Company's systems have earned an international reputation for quality in both product durability and service reliability. Petwa International is represented throughout North America by a network of distributors, sales and service agents.

PFL Inc.
Offshore & Arctic Technology
Suite 305, 608-7th Street, S.W.
Calgary, Alberta
Canada
T2P 1Z2
Tel: (403) 265-3212
Fax: (403) 263-7847
B. Dixit
Manager

PFL, incorporated in 1986, is a fully independent Canadian company offering consulting and project management services in marine, offshore and environmental engineering to clients in both government and industry. In the past five (5) years, our annual revenues have ranged from about $ 100,000 to approximately $ 600,000. Correspondingly, the staffing level have been up to 12 people, with an equal number of associates available on project requirement basis.

Environmental engineering capabilities include monitoring, forecasting and evaluation of atmospheric, oceanic and geotechnical parameters together with impact on these area from oil and gas exploration, development and transportation activities. We have provided consulting services to government agencies in the formulation of guidelines and / or regulations as well as liaison to industry in the interpretation, implementation and compliance of these regulations. We take a multi-disciplinary approach to environmental engineering often integrating physical, biological and socio-economical components.

Philip Environmental Group
P.O. Box 423, Station B
208 Hillyard Street
Hamilton, Ontario
Canada
L8L 7W2
Tel: (416) 577-6960
Fax: (416) 577-0305
Rick G. Kozuch
Marketing Co-ordinator

Philip Environmental, once a small privately held company, has been in the waste and recycling business for over ten years. The company has had tremendous success processing industrial waste into raw material inputs, thereby diverting in excess of 350,000 tonnes annually from Ontario landfill sites.

The company has since expanded its operations into curbside collection of recyclables & refuse, site remediation, laboratory services, trading of recycled commodities, consulting services, hazardous materials treatment and disposal, waste transfer, sanitary landfill site operations and emergency spills response. Plans to expand into global focus on the processing of waste into products.

In December of 1990 the company was listed on the Toronto Stock Exchange and has recently undergone a name change to Philip Environmental Inc. (ticker PEN) Sales figures for 1990 were $36M Cdn. and are forecast at $00M Cdn. for 1991. Philip is a vertically integrated company seeking to form strategic alliances and joint ventures at an international level that are consistent with sustainable development and world trade.

Piteau Associates Engineering Ltd.

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North Vancouver, British Columbia
Canada
V7M 3G7
Tel: (604) 986-8551
Fax: (604) 985-7286
Telex: 04-352896
Denis Martin
President

Piteau Associates Engineering Ltd. was incorporated in 1984 (from 1976 to 1984, operated as D.R. Piteau & Associates Limited), and has offices in North Vancouver, B.C. and Calgary, Alberta. The company offers a comprehensive range of geotechnical and hydrogeological services for numerous disciplines affecting the resource development, transportation, construction, municipal and industrial sectors. The company provides high technology engineering services based on sound, practical field experience and modern analytical methods. The staff of geological, mining, civil and groundwater engineers have developed specialist expertise combines with extensive experience in a wide variety of major civil and resource related projects throughout the world. Piteau Associates principal fields of activity are engineering geology, rock mechanics, soil mechanics, mining engineering, northern engineering, water supply, dewatering, depressurization, groundwater contamination, soil contamination, waste containment and disposal, clean up of toxic sites, remote sensing, geophysics.

Point Four Systems Inc.

2702 Clarke Street
Port Moody, British Columbia
Canada
V3H 1Z1
Tel: (604) 936-9936
Fax: (604) 936-9937
Tjarda Barratt
Vice President

Point Four Systems Inc. manufactures, designs and supplies equipment for oxygenating (aerating) water and measuring of the dissolved gases in water, while providing consulting engineering services if requested. The majority of sales have been to the aquaculture industry (i.e. fish hatcheries, live fish transport) and, since Oct 90, to the waste water and effluent industry (to municipalities, pulp and paper, gold mining companies). Export sales have always formed an important part of total sales (35%). Agents for some of the products have been appointed in Scotland, Denmark, Florida, Can. Maritimes. Either because of regulation or because of economics, the market served is increasing treatment of its waste water, is changing to recirculating its water and has to measure the dissolved oxygen and carbon dioxide content of these activities.

The company was incorporated in early 1988, employs three professional staff and 2 people on a contract basis. Annual sales have been increasing by approx. 25% per year.

Pollutech Environmental Limited

768 Westgate Road
Oakville, Ontario
Canada
L6L 5N2
Tel: (416) 847-0065
Fax: (416) 847-3840
Richard V. Laughton
President

Pollutech Environmental Limited is an independent Canadian consulting firm employing specialists in environmental engineering, chemistry, and biology. The organization has investigated many complex environmental problems and proposed solutions for industrial and government clients across Canada and internationally. In addition, Pollutech has evaluated industrial processing and/or

manufacturing methods which contribute to environmental problems, recommending solutions to reduce waste, recover products and increase efficiency. Pollutech has done considerable pioneering work in Canada in the environmental engineering and science fields. The experienced team of professional engineers, biologists, chemists and technicians, supported by a competent laboratory staff, is well-qualified to tackle a broad range of environmental projects. An outline of major areas of expertise is as follows:

Corporate Services Plant Audits (Property Transfer Evaluations

Decommissioning Studies Environmental Risk Assessments Expert Testimony Corporate Consulting & Advisory Services) Process Evaluations (Effluent Treatment Water Treatment Atmospheric Discharges Hazardous Industrial Wastes Waste Recovery & Utilization) Testing Facilities(Laboratory Services Bench Scale Testing Pilot Plant Evaluations Analytical Services Toxicity Testing Great Lakes Testing Facility) Natural Environment Services(Biological Monitoring Environmental Assessments Water Resource Evaluations Computer Modelling) Work place Environment Services(Indoor Air Quality Assessments Industrial Hygiene & Occupational Health Employee Training Programs

POLLUTION CONTROL

- Collection Systems
- Treatment Facilities
- Sludge Management

Powertech Labs Inc.

12388-88th Ave.
Surrey, British Columbia
Canada
V3W 7R7
Tel: (604) 590-7500
Fax: (604) 590-5347
Mr. Blair Salter
Marketing Director

Powertech Labs Inc. is Western Canada's leading technical problem-solving laboratory serving the electric utility industry across North America. The $50 million development and testing laboratory is home to experts in electrical, chemical, metallurgical, civil, environmental engineering and virtually all technical backgrounds.

Powetech is the Canadian patent holder for sodium based PCB destruction technology. The technology has been commercialized and operated by B.C. Hydro for the decontamination of mineral oils with up to 2,000 ppm PCB contamination. Some 3.5 million litres of oil have been successfully decontaminated, refurbished and recycled into operating transformers over a four year operating period. Process economics are such that oil can be decontaminated and recycled less expensively than incineration and replacement. Powertech offers international licenses, process equipment, training and commissioning services to enable turnkey PCB decontamination operation worldwide.

Prairie Biological Research Ltd

4290-91 A Street, Block C
Edmonton, Alberta
Canada
T6E 5V2
Tel: (403) 450-3957
Fax: (403) 450-3960
R.D Mehta
President

Incorporated in 1984, Prairie Biological Research Ltd. (PBR) is a fast growing Canadian Research and Testing Laboratory with scientific and technological capabilities in cellular and genetic toxicology, microbiology and

environmental biology. Our testing services are applicable in the following areas.
Product Safety and Toxicity Evaluation
Environmental Monitoring
Occupational & Environmental Exposures & Risk Assessment
Microbiological Monitoring & Environmental Biotechnology
Analytical and Consulting Services
Because of the emphasis currently placed on the environment, a growth rate of close to 100% per annum is forecast for our services over the next five years.
Major clients have included the Department of National Defence, Environment Canada, Alberta Government Telephones, Husky Oil and Occupational Health and Safety.

Preso Industries Ltd.
3035, rue Sartelon
Saint-Laurent, Québec
Canada
H4R 1E6
Tel: (514) 334-0036
Fax: (514) 334-8567
J.P. Brunet
President

Preso Industries Ltd. was founded in 1970 and has been manufacturing flow metering equipment for industry and municipalities since 1976. Products include the Ellipse-a type of self-averaging pilot tube aerodynamically shaped to provide exceptional accuracy and turndown ratio; the *Low-Loss Venturi* tube-engineered to provide accuracy and very low permanent pressure losses for liquids, gases, steam and slurries; and meters and gauges used to indicate and determine flow rates of differential pressure flow elements. Preso's products are exported to the U.S., western Europe, Middle East and Australia. Preso is represented worldwide by a network of agents.

Presson Manufacturing Ltd.
530,540 -5th Avenue SW.
Calgary, Alberta
Canada
T2P 0M2
Tel: (403) 237-8040
Fax: (403) 265-9362
Enrico N. Cappelletto
Manager, Marketing

Presson Manufacturing Ltd. is a 100% Canadian-owned Designer and Manufacturer of Oil and Natural gas surface production equipment. Incorporated in 1979 with a staff of dedicated Engineers, Technicians, and Trades people, PRESSON has established itself as a leader in the field of innovative design and manufacturing of Modularized Process Systems.
1990 Canadian domestic sales totalled approximately $16 million with no export sales. At present PRESSON does not have a presence in the U.S. Design and Manufacturing facilities are located in Nisku, Alberta with Sales and Marketing offices located in Calgary.

PRESSON's expertise in the removal of H_2S from sour natural gas streams can be applied to many installations in the U.S. utilizing novel and innovative processes which have recently been developed by a strong R&D Department.

Pulsearch Consolidated Technology Ltd.
10201 Southport Rd. S.W.
Suite 700
Calgary, Alberta
Canada
T2W 4X9
Tel: (403) 259-8560
Fax: (403) 255-6637
Telex: 038-21486
Mr. J.R. Adams
Division Manager

Pulsearch is a specialized division of Nowsco Well Service Ltd. responsible for the design and operation of intelligent pipeline tools. Pulsearch's GEOPIG as-

sesses the geometry of an oil or gas pipeline from the inside. The GEOPIG uses inertial technology and the data collected is processed to give the client an accurate profile of the inside of the pipeline. This allows the client to identify areas that require maintenance and assists them in planning a maintenance schedule. Pulsearch is also involved in the development of vehicle navigation systems.
The division of pulsearch is based in Calgary, however Nowsco has offices Throughout Canada, U.S.A., U.K. and South East Asia. Pulsearch has extensive experience in geopiping operations throughout North America, Europe and South East Asia.

Pylon Atlantic Inc.
473A Windmill Road
P.O.Box 1286
Dartmouth, Nova Scotia
Canada
B3B 1B2
Tel: (902) 468-3344
Fax: (902) 468-1203
Bruce MacDonald
Engineering Manager

Pylon Atlantic Inc. is an incorporated company occupying approximately 10000 square feet of modern, readily accessible space in an industrial building in Dartmouth, N.S.

Pylon Atlantic Inc. is active in the manufacture of custom built electronics to customer specifications, and printed circuit board artwork design. Pylon Atlantic also designs and manufactures products which it sells around the world. Currently Pylon Atlantic is readying a portable outdoor water quality monitor for the environmental market that it intends to sell worldwide. This instrument lets the non-technical user simply and quickly locate sources of septic leakage into rivers, lakes, and oceans. It is somewhat unique and appears to have a large market potential.

Pylon Atlantic also operates electronic and mechanical calibration and repair laboratories. These laboratories contain an environmentally controlled clean room with standards traceable to both Canadian and United States national standards.

Pyradia Inc.
430 Guimond Blvd
Longueuil, Québec
Canada
J4G 1P8
Tel: (514)463-3344
Fax: (514)463-3254
Telex: 055-62171
Michel Hedmond
Vice-President Marketing

Pyradia/Belfab/Rousseau Dust Collectors, founded in 1973, manufactures air purification systems, dust collectors and smoke collectors. This equipment is available in standard units and can also be custom designed. Our carefully-designed products are very effective to use and sell at very competitive prices. Among their advantages are cleaner air, balanced pressure, and reduced heating and air conditioning costs.

A major portion of our clientele consists of companies involved in woodworking, welding, plastic processing, etc.

Quadra Planning Consultants Ltd.

1030 Crestline Road
West Vancouver, British Columbia
Canada
V7S 2E2
Tel: (604) 926-2080
Fax: (604) 926-7740
Larry D.S. Wolfe
Principal

Quadra Planning Consultants Ltd. provides environmental and land use planning services to communities, government agencies, economic development commissions, and businesses. Our special interest is in coastal areas, Quadra is a policy oriented firm with services that include natural resources planning, environmental and social planning, program planning and policy studies, economic development, community planning and public involvement. We have extensive experience in managing large scale, interagency policy studies, e.g. environmental impact assessments, regional and resource planning, coastal and estuarine planning.

Quadra has worked throughout Canada, and in Indonesia and Thailand. Quadra was formed in 1986 from two companies which were originally established in 1980.

Quatrosense Environmental Ltd. (QEL)

5935 Ottawa Street
P.O. Box 749
Richmond, Ontario
Canada
K0A 2Z0
Tel: (613) 838-4005
Fax: (613) 838-4018
William Hunter
U.S Division Manager

Quatrosense Environmental Ltd. (QEL) was incorporated in 1986 and is a manufacturer of fixed and portable gas detection systems. From the demands placed upon gas detection instrumentation in the pulp and paper, petroleum and waste treatment industries to the single or multi-point parking structure applications, the modularity of QEL systems allow for the maximum in flexibility, efficiency and economy. QEL stand behind every manufactured product and operates on a full-time basis, a research and development program which is constantly upgrading and developing products.

Quick As A Wink Waste Systems Ltd.

7782 Progress Way
Tilbury Industrial Park
Delta, British Columbia
Canada
V4G 1A4
Tel: (604) 946-1919
Fax: (604) 946-3978
Dale Manton
Vice-President

This exciting new machine has already started to revolutionize the way companies, recyclers cities and bottlers deal with waste glass. Targeted toward anyone with large or small amount of glass, our machines instantly turn glass to sand. The many different models available suit a wide variety of volume needs. Recycling depots, liquor distributors, sandblasting companies, tile manufacturers and many others can now turn glass into sand instantly.

With environmental concerns on the minds of everyone, this newly patented machine answers the problem of waste glass entering landfills. Quick - Sand proliferates metal caps, corks, labels and many other foreign materials eliminating the need to sort before crushing. As the issue of overcrowding in landfill sites becomes more serious, our already explosive market will continue to escalate. Manu-

factured and distributed by Quick As A Wink Waste Systems Ltd.

R-Can Distribution Inc.
Sterilight Prod.
265 Massey Rd.
P.O. Box 1719
Guelph, Ontario
Canada
N1K 1B2
Tel: (519) 763-1032
Fax: (519)-763-5069
Ron Van Norman
National Sales Manager

Incorporated in 1986, R-Can Distribution Inc. Distribute the Cuno Aqua-Pure Water Filter Line across Canada. In 1989 R-Can purchased the Sterilight Line of Ultraviolet Water Sterilizers and Ozone Generator for the pool and spa market, which it manufacture in Guelph, Ontario. The Sterilight Line is enclosed in an aluminum casing with a stainless steel cell and are all relamplable. R-Can is looking at exporting these product lines world wide as this market is in early life cycle.

R.B.H. Cybernetics (1970) Ltd.
P.O. Box 4205, Station A
Victoria, British Columbia
Canada
V8X 3X8
Tel: (604) 478-3122
Fax: (604) 478-7607
V.N.R. Sewell
President

The company produces Graboil oil sorbent. Graboil is non-polluting and is effective in picking up oil ranging in viscosity from Bunker C to gasoline. Oil absorbed by Graboil can be squeezed out by hand or by wringer, and the Graboil reused 20 to 40 times. This reduces the sorbent cost, sorbent storage costs, sorbent transport costs and sorbent disposal costs. In final clean-up, used Graboil can be burned with minimal gas or ash pollution. Recovered oil can be re-refined. Graboil has a place wherever oils are transported, transferred or produced. It can be used in land or water and can be used in conjunction with other recovery apparatus to increase effluent purification efficiency.

R.R. McGlogan Equipment Ltd.
867 Frederick St.
Kitchener, Ontario
Canada
M2B 2B4
Tel: (519) 822-1620
Fax: (519) 822-4041
Robert McGlogan
President

The CFS-114 filtration system is manufactured to reduce the generation of hazardous waste, extend the life and efficiency of chemical solutions, improve the sewerability of many solutions, and perform other formerly dirty and difficult shop procedures. The system is designed for the initial installation into a clean tank is recommended. The daily or frequent removal of suspended solids and most non-emulsified oils will greatly extend the life and efficiency of most shop solutions including coolants and honing oils. The use of the CFS-114 system, especially in conjunction with the use of neutralization and a precipitant heavy metal treatment, may reduce hazardous waste disposal costs as much as 95%. Sludges captured by the CFS-114 may not be hazardous wasert and should be tested periodically to determine if they are suitable for disposal at a sanitary land fill site.

R.V. Andrson Associates Limited

1210 Sheppard Avenue East, Suite 401
Willowdale, Ontario
Canada
M2K 1E3
Tel: (416) 497-8600
Fax: (416) 497-0342
Kenneth A. Hyde
Chairman & C.E.O.

Founded in 1948 and incorporated by Ontario Charter in 1951, R.V. Anderson Associates Limited has been providing consulting engineering services to government agencies and to the private sector for over 40 years. Professional staff include 70 professional engineers and 2 planner/architects.

Principal field of activity include water pollution control, water supply, water resources, environmental planning, transportation, tunnels and shafts, municipal services, land development, structures and architecture. Within these fields, the following services are available-feasibility studies, environmental assessments, design, contract administration, construction inspection, and operations and training.

The firm's corporate mission is to offer consulting services of the highest quality in response to client needs, while conforming to the ethical standards of the engineering profession.

RAB Desdesco Ltd.

5935 ottawa Street
P.O Box 749
Richmond, Ontario
Canada
K0A 2Z0
Tel: (613) 838-4005
Fax: (613) 838-4018
William (Bill) Hunter
U.S Division Manager

R A B Dedesco Ltd. is a manufacturer of Electronic Combustion Analyzers for conducting flue gas analyses on furnaces and boilers. The company was incorporated in 1971 and began manufacturing microprocessor controlled combustion analyzers in 1979. Dedesco manufactures five models of portable analyzers and a continuous combustion monitor to provide continuous monitoring of furnaces, boilers, biomedical waste incinerators and industrial ovens.

Dedesco analyzers provide measurements of oxygen, carbon dioxide, carbon monoxide, Co combustibles, net stack temperature and provide calculated values for equivalent carbon dioxide from measured oxygen excess air and furnace efficiency for oil, gas, propane (and coal optional) fuels. Optional Nox and So2 measurements can be provided. An RS232C output and built-in printer are available. The analyzers have established a leading position in the Canadian market and have developed a reputation for reliability and dependability. These products have been exported to the U.S. and to Europe.

Racan Industries Inc.

3737 Lite Blvd.
Laval, Québec
Canada
H7E 4X8
Tel: (514) 324-5050
Fax: (514) 661-1932
Savio Ricciardi
V.P. marketing sales

Racan Industries Inc., founded in 1978, operates from its 7,500 m^2 (80,000 ft^2) facilities which includes a 4,650 m^2 (50,000 ft^2) plant with computer controlled metal cutting, punching, breaking and forming machinery, as well as CAD/CAM. The company manufactures for the air conditioning and ventilation market, including vibration and noise control equipment, and also transport systems. Among its products and major custom products are acoustic operator booths, acoustic walls and doors, silencers, isolators, dust collection systems, air handling

units, fans, cooling towers, insulated panels for curtain walls, beverage truck and trailer bodies and utilities transport vehicles.

Radiant Design & Supply Ltd.
4723-91st Ave.
Edmonton, Alberta
Canada
T6B 2M7
Tel: (403) 465-9251
Fax: (403) 469-4785
Greg Tindall
Manager

Radiant Design and Supply Ltd. is a wholly owned Canadian company specializing in the design and supply of heat transfer and heat recovery systems. Radiant Design and Supply Ltd. represents several product lines including boilers, circulators, exchangers. controls, energy measuring devices and heat transfer hoses. Specialty areas include snow melting, floor heating, heat tracing, and pre assembled systems. Radian Design and Supply Ltd. actively pursues business throughout Canada and has extensive experience in the arctic regions.

Technical and manufacturing support is provided by in house staff capable of providing engineering support, CADD services, publication creations, document scanning, editing and archiving.

Ramsay Machine Works Ltd.
1630 Store Street
Victoria, British Columbia
Canada
V8W 1V3
Tel: (604) 384-5314
Fax: (604) 389-0504
Gregory H.P. Ramsay
President

Ramsay Machine Works Ltd. was established in 1903 and has been manufacturing material handling equipment and fabricating products to all industries, municipalities, provincial and federal governments. Ramsay Machine Works Ltd. manufactures the following products:

- Air pollution control equipmentScreens
- Aluminum fabricationsSewage treatment equipment
- Ash handling systemsSilos
- BalersSorting systems
- BearingsStainless steel fabrication
- BinsStructural steel
- Blower shellsStrainers
- BreachingSuction boxes
- Buckets conveyor/ elevatorTanks
- BailingTechnology transfers
- BurnersTimber thinning components
- Chip handling equipmentTowers
- ChuresWashers
- Control panelsWater treatment systems
- ConveyorsWelding
- CrushersWinches
- Ducts
- Dust collectors
- Elevators
- Fan & exhaust systems
- Feeders
- Hoists
- Hoppers
- Incinerators
- Linings
- Loaders
- Machining
- Manufacturing under license
- Material handling equipment
- Metal fabrications
- Mixers
- Motor bases
- Pollution control systems
- Presses
- Pumps

Research & development
Export sales total approximately $250,000 (50% to U.S., %0% to Europe) with capacity to expand $4 million per year.

Recycling International

95 Wellington Street West
Suite 806
Toronto, Ontario
Canada
M5J 2N7
Tel: (416) 360-4400
Fax: (416) 367-4946
Lauren L. Holmes
President

Established in 1990, Recycling International is the world's first exclusive distributor of products made from recycled plastic scrap diverted from solid waste. Quality recycled plastic products are distributed through one convenient marketing channel for the environment-conscious buyer. The recycled plastic products currently distributed by the company include: construction materials; office accessories; materials handling equipment; advertising specialty items; and gardening, food service and cleaning implements.

Recycling International is both a distributor and a market integrator: if the recycled product is not currently in production, the company will link together the raw materials sources, compounders, recyclers, and manufacturers necessary to make the product.

Recycling International also distributes a single-track recycling system which compression molds 100% recycled products from a variety of solid waste materials bound by 40% plastic scrap.

Reid, Collins Nurseries Limited

2396-272nd Street
P.O Box 430
Albergrove, British Columbia
Canada
V0X 1A0
Tel: (604) 533-2212
Fax: (604) 856-4218
Gary Kenwood
President

Reid, Collins Nurseries Limited is a privately owned and operated British Columbia company, established in 1968. The Company is dedicated to forest renewal, rehabilitation/reclamation of environmentally devastated lands and beautification of the landscape. Accordingly, the Company, as a production nursery, grows forest seedlings, both native and ornamental plant material and processes native tree and shrub seed.

Staff professional foresters and horticulturists give Reid, Collins the unique capability of integrating a variety of services with plant material supply. Silvicultural, land rehabilitation and other professional on-site services assist clients in the selection of plant material stock types best suited to specific planting site conditions. Reid, Collins produces annually 20,000,000 coniferous seedlings, hardy native and ornamental trees and shrubs and processes 4,000 hectolitres of cones and berries to fulfil both domestic and international demand for plants and seed for environmental enhancement.

Export markets include the U.S.A., Scandinavia, Europe, Southeast Asia and Latin America.

Reid, Collins and Associates

 # 1000, 401 West Georgia
Vancouver, British Columbia
Canada
V6B 5A1
Tel: (604) 664-3134
Fax: (604) 664-5433
Hilmar Foelimi
Manager, International

Established in 1961, Reid, Collins and Associates is the Forest Resource Division of H.A. Simons Ltd of Vancouver, a Canadian engineering company serving the forest and pulp and paper industries worldwide.

Reid Collins is in its own right a leading forest resource consulting firm with an established international reputation. For more than thirty years its professional, technical and support staff of

over sixty foresters, forest engineers, economists, computer scientists, environmentalists, managers and technical/clerical support has provided consulting services to the forestry sector across North America and in fifty countries around the world. clients range form international lending agencies, national governments and multinational corporations to municipal councils, private companies and individual property owners. Reid Collins has traditionally maintained a full range of services. With the support of the Simons Group it has kept pace with the changing needs of clients and technological development.

Reid Crowther Inc.
7410 Blackfoot Trail S.E.
Calgary, Alberta
Canada
T2H 1M5
Tel: (403) 253-3301
Fax: (403) 255-3189
J.M. Atkinson
President

Reid Crowther International ltd. is a Canadian consulting engineering firm practising in civil, structural, mechanical and electrical engineering. The firm was founded in 1906 and is 100 percent Canadian owned by professionals active in the day-to-day operations. The total number of employees amounts to 400. Offices are located in major Canadian centres from Vancouver to Winnipeg, and in the Northwest Territories. Internationally, overseas, offices are established as project assignments require. Currently operations are undertaken from an office in Lagos, Nigeria.

Clients represent a broad cross-section of the public and private sector. Services provided include water supply, treatment, and distribution; wastewater treatment, solid wastes, hazardous wastes, and industrial waste management; transportation planning, transit systems, railways, urban and rural roads, and transportation maintenance facilities; bridges and heavy civil foundations; hospitals, laboratories, schools and industrial buildings.

Reid Crowther International Ltd.
2629-29 Avenue
Regina, Saskatchewan
Canada
S4S 2N9
Tel: (306) 584-8580
Fax: (306) 584-3822
Mr. Doug Harrison
Regional Manager

- Industrial Waste Treatment. Resource Management
- Hazardous Wastes. Hydrologic Investigations
- Wastewater Treatment. Hydrologic Surveys
- Sludge Disposal. Environmental Impact
- Effluent Irrigation and Infiltration Assessments
- Solid Waste Systems. Aquatic Monitoring
- Waste Management. Land Use Assessments
- Survey Research. Regulatory Approvals
- Water Resource Planning. Storm Water Management
- Water Supply. Treatment Plant Performance
- Water Treatment Evaluation
- Air Quality Surveillance and. Treatment Plant Optimization
- Emission Control. Energy Conservation Evaluations
- Project Management. Water and Wastewater Characterization

Reid Crowther is an independent consulting engineering company specializing in environmental engineering transportation, municipal infrastructure and building engineering. Reid Crowther employs over 400 personnel with offices throughout western and northern Canada. Our goal is to provide quality engineering and project management services using creative and innovative solutions that are responsive to client and public needs.

Reinforced Plastic Systems Inc.

P.O Box 299
740 Feaubeaux Road
Malhone Bay, Nova Scotia
Canada
B0J 2E0
Tel: (902) 624-8383
Fax: (902) 624-6395
Sheila Tanner
Sales Co-ordinator

RPS/ABCO Plastics has been manufacturing fiberglass/glass reinforced plastic (F.R.P./G.R.P.) products since 1956 - initially as a division of Atlantic Bridge Company. RPS/ABCO has grown to be one of the largest exporters of FRP piping systems in Canada. The company's main products are fiberglass reinforced plastic corrosion and abrasion resistant pipe, fittings, and accessories. RPS/ABCO's manufacturing facility has four (4) filament winding machines for fabricating piping, manifolds, and headers; ranging in size from 2.54cm to 3.66cm (1 to 144 in.) in diameter. Pre-assembly, custom fabrications, and specialty items are also available. RPS/ABCO's quality assurance systems allow its products to be used on critical nuclear power plant installations. This strong technical backing and a superior design piping system puts RPS/ABCO at the forefront as a supplier for the U.S. pollution abatement program.

Rescan Environmental Services Ltd.

510-1111 West Hastings Street
Vancouver, British Columbia
Canada
V6E 2J3
Tel: (604) 689-9460
Fax: (604) 687-4277
Kelvin Dushisky
General Manager

Since 1981, Rescan has contributed proactive resolution to environmental management and engineering problems, on a global scale. In addition to a complete range of environmental services encompassing environmental engineering, metallurgy, chemistry, biology, socioeconomics, and planning, the company provides expertise in government liaison and project management. Rescan has completed numerous environmental impact assessments, feasibility studies, pilot plant evaluations, engineering design, computer simulation modelling, design and management of complex waste treatments systems, primarily for the mining and forest industries. The company is a world leader in the disposal of reactive mine tailings using both subaqueous and conventional land-based containment, and in the treatment of surface run-off and acid rock drainage.

Project assignments, generating approximately $2 million in export sales, have spanned five continents and include many of the world's leading companies. For example, complete environmental services have been performed for industry and government in, among other nations, Canada, the United States, Panama, Puerto Rico, Guyana, peru, Chile, Brazil, Norway, Turkey, Fiji, New Guinea, the Philippines, Indonesia, and Australia.

Research and Productivity Council (RPC)

921 College Hill Road
Fredericton, New Brunswick
Canada
E3B 6Z9
Tel: (506) 452-8994
Fax: (506) 452-1395
Charles Wiesner

RPC is an independent research organization of more than 150 employees offering a diversified range of scientific, engineering and technological research and testing capabilities. RPC undertakes contract research and delivers a broad scope of services in the areas of electronics, engineering materials, engineering services, process chemistry, chemical and biotechnical services, minerals and fuel technology and food, fisheries and aquaculture.

RPC services to the environmental sector include trace organic analysis of hazardous contaminants, e.g. hydrocarbons, PAH, dioxins, pesticides, etc. as well as inorganic analysis including heavy metals, etc.

Consulting and technical R&D services are provided in the areas of contaminated soil bioremediation, agricultural and forestry pesticide management and monitoring of hazardous contaminants in both work place and natural environments.

Through joint ventures with two Canadian firms RPC is offering integrated remediation services (e.g. in Poland) and environmental impact assessments particularly related to agricultural pesticide use (e.g. in Guatemala).

Resource Systems Management Intl. (RSMI)

133 Wynford Drive
Toronto, Ontario
Canada
M3C 1K1
Tel: (416) 441-2378
Fax: (416) 441-0709
Sally Davidson
President

Resource Systems Management International Inc. (RSMI) is a firm of consulting environmentalists, economists, management consultants and tourism planners. The company's principals have over 60 years of combined consulting experience in Canada and overseas. RSMI provides consulting services in environmental sciences-impact assessment, fisheries, forestry, waste disposal, environmental standards and policies; planning-design, industrial, site analysis; and management consulting-market analysis, commercial development, project management, training and tourism.

Public sector/government agencies, private developers, industries, and municipalities are among RSMI's clientele. RSMI's senior staff have consulting experience in 40 countries. Engineering support services are provided by their parent company, Delcan Corporation. RSMI's projects have been conducted across Canada, the U.S., Asia, the Caribbean, Turkey and South America.

Robert Mitchell Inc.

P.O. Box 950
350 Decarie Boulevard
St-Laurent, Quebec
Canada
H4L 4W5
Tel: (514) 747-2471
Fax: (514) 747-3124
Paul-Émile Dostie
Vice-President, Sale

Incorporated in 1924, Robert Mitchell Inc. through divisions and subsidiaries manufactures and distributes a wide range of metal products for pulp and paper, chemical, petro-chemical, environmental air control, environment protection, marine, airport, food service and misc. industries. One of its subsidiaries, The Garth Company, is a warehousing distributor of pipe, valves and fittings. Robert Mitchell Inc.

operates plants in Canada and in the United States. Approximately 70% of its sales are to the Canadian market.

Douglas Industrial division of Robert Mitchell Inc. manufactures stainless steel pipe, fittings, pipe spooling, pressure vessels, towers, tanks and heat exchangers that are custom built to the process designs of expert engineering companies specializing in Environmental projects. Douglas Industrial division has built and shipped to Mexico, China, U.S.A. and Canada S.S. converters, heat exchangers and scrubbers for metal refining and pulp and paper industries to Flakt, Monsanto, fenco and Chemetics designs. Douglas Industrial Division has the expertise to design and fabricate modular plants fully piped and wired.

Roche Limited
2535, boulevard Laurier
Sainte-Foy, Québec
Canada
G1V 4M3
Tel: (418) 654-9600
Fax: (418) 654-9811
Pierre Lacroix
President

Established in 1967, Roche Ltd, Consulting Group, is a consulting firm providing services in environment, agriculture, roads and transport, municipal infrastructures (aqueduct and sewer systems), port and maritime engineering, structural engineering, mechanical and industrial engineering, electrical engineering and control instruments, geotechnical engineering, hydrogeology and quality control of materials, pulp and paper, forestry and wood processing, mining, information systems, project management, construction management (general contractor), technical assistance and training. Since about twelve years ROCHE provides services on an international scale, particularly in Africa, Central America, Latin America and Caribbean.
The Environment sector is particularly important to ROCHE. The services offered cover the following areas: environmental impact studies, risk assessment, air quality control, occupational health and safety, acoustic studies, wastewater treatment, hydraulics and hydrology, solid waste and contaminated soil management, urban planning and regional development, planning and development, social and cultural anthropology, laboratory services, training, operation of water and wastewater treatment stations.

Rowan Williams Davies & Irwin Inc.
650 Woodlawn Road West
Guelph, Ontario
Canada
N1K 1B8
Tel.: (519) 823-1311
Fax: (519) 823-1316
Bill Rowan
President

RWDI is a consulting wind engineering firm which was established in 1972. Scale model studies are carried out in our laboratory to provide answers to problems associated with wind, snow, airborne pollutants and the sun. The firm's services include: structural aerodynamic studies); microclimate assessments (pedestrian level wind, snow accumulation, and sun/shade studies); and environmental assessments (exhaust dispersion, field monitoring, ventilation, noise and dust studies).

Our tools for these consulting services include boundary layer wind tunnels, an open channel water flume, and integrated data acquisition, storage and processing systems. Export sales total approximately $3.8 million annually. Of these sales, approximately 95% are to the United States. RWDI's team of engineers and specialists conduct projects for leading design firms, industrial organizations and government agencies around the world.

Royal Pipe Co.

5885 Highway 7
Woodbridge, Ontario
Canada
L4L 1T9
Tel: (416) 856-7550
Fax: (416) 856-4367
Dale Findlay
General Manager

The Royal Plastics Group is now among the largest plastic processors in the world. Royal employs over 5000 people and with over 900 modern extruders turns out PVC products for the construction and retrofit markets. Since PVC has become the preferred thermo plastic material for underground sewers; water pipe; electrical conduit and duct products, Royal made the decision to produce these products for the plumbing, municipal, and electrical markets in a new plant constructed with the most modern extrusion equipment available, under the name of Royal Pipe Co.

Royal products are manufactured from high quality Canadian PVC polymer to the rigid requirements of the various specifying authorities and The Canadian Standards Association of Canada.

The key to the growth of the Royal Plastics Group lies in our accumulation of experience and expertise of over 20 years in the successful of PVC plastic products. It is this special know-how which underlies all our activities and gives that added dimension to our products and services. Know-how across all aspects of our business enables us to work towards finding the right answers for you, our customers.
The Royal Plastics Group is a Canadian owned corporation, with extrusion plants located in the provinces of Quebec, Ontario and Manitoba.

Russell Technologies Inc.

4909-75 Avenue
Edmonton, Alberta
Canada
T6B 2S3
Tel: (403) 469-4461
Telex: 037-2966
Fax: (403) 462-9378
Jim Yukes
Sales Representative

Russell Technologies has been offering Non-Destructive Testing (NDT) Services since 1972. Evaluation of tubulars is a specialty. Russell's Cyberscope branch has developed the Ferroscope System, which utilizes the Remote Field Eddy Current technique to evaluate ferromagnetic tubes, such as those found in boilers and heat exchangers for corrosion and erosion.

We also offer Eddy Current Services for non-magnetic and IRIS (ultrasonic) Services for finned tubes and special applications. Russell's latest development is the Pipeline Integrity Robot (PIR) pipeln pig. We offer services to locate corrosion etc. in 4" pipelines.

Sacda Inc.

343 Dundas Street, Suite 501
London, Ontario
Canada
N6B 1V5
Tel: (519) 679-6570
Fax: (519) 679-3977
Telex: 064-5634
Susan Scott
Marketing Manager

SACDA Inc. has been in the process simulation since 1973. It specializes in designing, developing and marketing steady-state and dynamic process simulation systems for the pulp and paper, chemical, petrochemical, oil, gas, power and food and beverage industries.

SACDA's main products include MASSBAL 2.0 which calculates steady-state heat and mass balances around industrial processes, and its dynamic counterpart MASSBAL 3.0. DESIGNER is a dynamic simulator for

engineering design, testing and validation. TRAINER is a direct-connect dynamic simulator for hands-on operator training purposes which uses the actual DCS operator console. TESTBED is a dynamic simulator which is used to test DCS configuration graphics. OPTIMIZER is an on-line simulator which performs data reconciliation and optimization scenarios. OPTIMILL provides optimum scheduling information.
SACDA's products are considered state-of-the-art and are sold on a worldwide basis. Primary markets are Canada, the United States, South America. Extensive support, training and consulting services are also available.

Saf Drive Systems

859 Courtland Ave East
P.O. Box 1326
Kitchener, Ontario Canada
N2G 4H5
Tel: (519) 743-5491
Fax: (519) 743-1628
Bob Misener
Vice President, Sales

SAF Drive Systems was established in 1976 and has evolved into a fully integrated Drive Systems company and "Motion Control Specialist". SAF manufacturers AC and DC Drive Products for industrial drive systems, and offers complete support services including application engineering, research and development, and 24 hour emergency service.

SAF's newest product, the SAFphire Micro-controller, has a built-in software block language with approximately 100 functions controls variables such as speed, position, torque or tension. SAFphire directly interfaces with high speed industrial communications networks such as Modbus Plus and Allen-Bradley.

Savant Manufacturing Limited

112-4th Avenue West
P.O.Box 1329,
Battleford, Saskatchewan
Canada
S0M 0E0
Tel: (306) 937-7584
Fax: (306) 445-6505
Mr. Norman Egilson
President

Incorporated 1984, Savant Manufacturing Limited manufactures and markets one principal product, SPLASH Liquid laundry Detergent. Currently it is available in one litre, three litre and ten litre sizes. A ENVIROPAK type refil pouch is planned for introduction to the market in the fall of 1992. A one service type pak is being developed for the Laundermat trade. Our target market area in Canada is the western region, from Thunder Bay in the east to Vancouver Island in the west.

Currently, only one export market is being developed, that one being in Taiwan. Only two test orders have been sent to date. More vigorous followup is planned for mid spring of 1992. Some preliminary work has been done in the Pheonix, Arizona area of the US.

Scepter Manufacturing Co. Ltd.

807 Pharmacy Avenue
Toronto, Ontario
Canada
M1L 3K2
Tel: (416) 752-2200
Fax: (416) 752-8512
David Lister
Export Manager

Established in 1954, Scepter Manufacturing Co. Ltd. produces a complete range of plastic and reinforced fibreglass plastic (RFP) pipes and fittings from 1.27 to 76.2 cm (0.5 to 30 in.) diameter and from the normal plumbing and industrial products to the large diameter water and sewer mains. Scepter has three PVC extrusion plants and three injection moulded plants located in Toronto, Edmonton and Montreal. Products include PVC drain waste

and vent pipe and fittings, PVC water and sewer main, Blazemaster fire sprinkler systems, industrial SCH 40 and SCH 80 PVC and CPVC pipe and fittings, PVC electrical conduit pipe and fittings, and PVC electrical duct pipe and fittings. The products are sold worldwide; high volume export items are the potable water and sewer products.

Scicorp Systems Inc.

320 Yonge Street
Unit 5, Suite 325
Barrie, Ontario
Canada
L4N 4C8
Mr. Ronald Roth
Projects Manager

A manufacturer and supplier of environmentally friendly waste-water treatment products, Scicorp Systems uses unique, patented, natural nutrients in a liquid form to solve a variety of waste-water problems. The formulation of the products assure both biodegradability and previously unseen performance levels.

Shipped from the Barrie, Ontario and Buffalo, New York facilities, marketing efforts are targeted at large distributors around the globe. The products are marketed under the brand names "BIOSURCE" for large scale applications (treatment plants, septic tanks, leech fields and large volumes of sewage) and "BIOLOGIC" for applications requiring smaller dosages (Parks, Recreational vehicles, Marine and certain discreet industrial applications).

Eliminating odours almost imediately, the products accelerate natural processes and dramatically increase overall performance levels. Results of this are seen in significant cost-benefit increases and eliminated environmental concerns.

SCI-TEC Instruments Inc.

1526 Fletcher Road
Saskatoon, Saskatchewan
Canada
S7M 5M1
Tel: (306) 934-0101
Fax: (306) 978-2339
Ken Lamb
Vice President, Scie

SCI-TEC Instruments Inc., established in 1981, has developed, marketed and sold a number of highly sophisticated scientific products for specific application both in Canada and overseas. The company has won awards of excellence for two of these products. The company has its own in-house technical and scientific expertise capable of taking a product from concept to market.

The first product developed by SCI-TEC and Atmospheric Environment Service (AES, Toronto) was the Brewer Ozone Spectrophotometer. This product is an all weather, microprocessor controlled, fully automated instrument used for monitoring the amount of sulphur dioxide and ozone in the atmosphere. Another significant product is PETRO TAG which represents a major breakthrough in the technology of Fluid Level Monitor. Applications are far reaching and the company is concentrating on the petroleum industry where there is a multi-million dollar market. SCI-TEC's products have been sold to 21 countries including the U.S., Japan, and West Germany and are rapidly gaining a worldwide reputation.

SCIEX, Div of MDS Health Group Ltd.

55 Glen Cameron Road
Thornhill, Ontario
Canada
L3T 1P2
Tel: (416) 881-4646
Fax: (416) 881-9832
Telex: 06-964722
Dr. William Stott
TAGA Product Manager

SCIEX Division of MDS Health Group Ltd. designs, develops, manufactures and markets mass spectrometer based products for trace organic and inorganic analysis. The product line includes three types of systems: the TAGA, the ELAN and the AROMIC. The TAGA and the AROMic systems are based on advances in Atmospheric Pressure Chemical Ionization Mass Spectrometry (APCI/MS) pioneered by SCIEX, whereas the ELAN is based on advances in combining the Inductively Coupled Plasma (ICP) with TAGA based technology. ELAN is distributed worldwide by Perkin-Elmer Co. of the U.S. British Aerospace of the U.S. markets AROMIC. SCIEX originated from research carried out at the University of Toronto, Institute for Aerospace Studies. In 1981, SCIEX was acquired by MDS Health Group Ltd. and now operates as a wholly owned division of the corporation. In 1984, SCIEX received the Canadian Award for Excellence for Technology Transfer in partnership with the National Research Council of Canada.

Scintrex Limited

222 Snidercroft Road
Concord, Ontario
Canada
L4K 1B5
Tel: (416) 669-2280
Fax: (416) 669-5132
Robert Mitchner
Sales Manager

Scintrex Limited is a high technology company engaged in the research, design and manufacture of geophysical and geochemical exploration instrumentation, analytical instruments including nuclear reactor monitoring devices, defence related equipment and other scientific products. The company operates its business from facilities located in Canada and Australia and exports to every continent. Products related to environmental monitoring include the AZ-2-a flameless atomic absorption spectrophotometer; the LMA-3-an ultrasensitive nitrogen dioxide monitor; and the VA-3-a laser based uranium analyzer. Established in 1961, Scintrex products are sold worldwide to atmospheric research chemists, the hazardous waste and toxic chemical communities, and the nuclear industry.

SENES Consultants Limited

4-52 West Beaver Creek Road
Richmond Hill, Ontario
Canada
L4B 1L9
Tel: (416) 764-9380
Fax: (416) 764-9386
Dr. Donald Gorber
President

SENES Consultants Limited provides specialist consulting services in energy, nuclear and environmental sciences, and management. These services are supported by a professional staff of environmental engineers and scientists. In addition, the company has associations with acknowledged specialists in fields such as biochemical engineering, biology, occupational health, agriculture, toxicology and statistics to complement the range of services offered to their clients. Since its formation in 1980, SENES has participated in more than 1,000 projects across Canada, in the U.S., Central and South America, and Europe.

The company's services include atmospheric chemistry and climate change, environmental monitoring, environmental

audits and assessments, risk assessments, low level radioactive waste management, database management and computer modelling, hazardous waste management, integrated studies, inventory compilation, occupational and environmental health, water quality and supply, mining, regulations, analyses, project management, solid waste management and site selection. Government agencies, large and small industries, research organizations and public interest groups are among SENES' clientele.

Sensors & Software Inc.

5566 Tomken Road
Mississauga, Ontario
Canada
L4W 1P4
Tel: (416) 624-8909
Fax: (416) 624-9365
Steve Cosway
General Manager

Sensors & Software Inc. is an advanced company which specializes in integrated software and sensor systems. Primary emphasis is placed on systems for non-intrusive investigation of the subsurface of man-made structures such as buildings, dams, roads, etc.

Sensors & Software Inc.'s primary products are the **pulseEKKO** series of **ground penetrating radar** systems. The all digital pulseEKKO systems offer operating frequencies which range from 10 MHz to 1000 MHz. The pulseEKKO radar systems include an integrated software environment for data display and report quality plotting in black and white and colour. Based on leading edge technology, the pulseEKKO systems are acknowledged worldwide for their high performance and data quality.

SENTAR Consultants Ltd.

10160-112 Street
Edmonton, Alberta
Canada
T5K 2L6
tel: (403) 428-0003
Fax: (403) 420-0622
Mr. Doug Hackbarth
General Manager

SENTAR Consultants Ltd., formerly known as Beak Associates Consulting Ltd., is a member of the Stanley Technology Group with head office in Edmonton, Alberta and 6 offices across Canada. SENTAR stands for Stanley Environmental Technology and Research and, with some 100 professionals, offers a wide range of environmental services to government, municipal, industrial and private clients.

SENTAR's environmental expertise includes environmental planning and sciences, contaminant management, environmental monitoring and public participation. The firm is specialized in impact assessments; environmental audits; resource invetories; predictive modelling; air, surface water and groundwater studies; solid waste managmeent; spill clean-ups; Geographic Information Systems (GIS); and wildlife and fisheries management. SENTAR is one of a few select firms providing comprehensive public participation programs to suit the specific needs of individual clients.

Seprotech Systems Incorporated

2378 Holly Lane
Ottawa, Ontario
Canada
K1V 7P1
Tel: (613) 523-1641
Fax: (613) 731-0851
Telex: 053-4922
Orest Zacerkowny
Director of Marketing

Seprotech Systems Incorporated, manufactures a variety of membrane systems utilizing microfiltration, ultrafiltration and reverse osmosis technologies and has established itself as a leader in the application of membrane technology in Canada. Extensive

manufacturing capabilities allow Seprotech to produce systems ranging from simple water purification units to sanitary systems used in the food processing, pharmaceutical and biotechnology industries which meet or exceed the strict specifications of 3-A.

As a member of the Hovey group of companies, Seprotech has access to a variety of manufacturing and technical expertise. Hovey Industries Ltd. is an engineering and manufacturing company. The company prides itself on its ability to understand the needs of a client, respond to these needs with appropriate systems designs, and provide after-sales support through prompt, professional service. Seprotech's markets include Canada and the U.S.

Septo Clean Company Limited

Walles Road R.R.7
Brighton, Ontario
Canada
K0k 1H0
Tel: (613) 475-3300
Fax: (613) 475-3300
Ron Gibson
President

Septo Clean Company Limited, established in 1968, produces natural source, environmentally safe products for treatment of human and animal wastes. The Company is 100% Canadian and manufactures its products in its Brighton, Ontario plant. Products are sold through retail stores and also to commercial operations such as motels, campgrounds, farms and other food processing establishments, and to all levels of government. All products are featured as completely safe for the user, and for the environment. Products presently sold include the original Septo-Clean for treatment of septic tanks, outdoor toilets and food wastes, Septo-Clean RV for treatment of mobile holding tanks, and MAN-U-GEST for treatment of animal wastes. All products are designed to increase rate of digestion, eliminate odours and reduce residual solids (sludge).
In addition, it is believed that the products offer a safe efficient means of improving waste treatment and therefore public health in those areas where advanced waste treatment facilities are not available.

Shawmont Newfoundland Limited

P.O. Box 9600
280 Torbay Rd.
St. John's, New Foundland
Canada
A1A 3C1
Tel: (709) 754-0250
Fax: (709) 739-6823
A.D. Peach
President

Incorporated in 1964, ShawMont Newfoundland Limited provides engineering and project management services for industrial and commercial installations, hydroelectric and thermal electric undertakings, water resources, waste management, environmental studies and energy management.

The Company has completed over 1000 separate assignments for some 100 different clients. The total value of construction of projects engineered and managed by the Company exceeds $1 billion. The focus is on energy conservation, power generation, and industrial effluent treatment services. Company services are currently provided in Southern Africa from an office established in Harare, Zimbabwe, as well as from home base in St. John's, Newfoundland, Canada.

Shay, Jenkins & Associates

387 Stellarton Road
New Glasgow, Nova Scotia
Canada
B2H 1M6
Tel: (902) 752-1956
Fax: (902) 755-6222
Michael E. Jenkins, P.Eng.
President

Shay, Jenkins & Associates was incorporated in 1991 as the result of a merger between Nova Dynamics Limited, an electrical engineering firm incorporated 1986, and D.A. Shay Engineering Limited, a mechanical engineering firm incorporated 1976. We are a multi disciplined consulting engineering firm offering engineering services to industrial, commercial and institutional clients.

Our expertise is in the area of industrial process controls design and detail design of systems for stripping foul gases and particulates from boiler or other gas steams in industrial processes. We are also involved in design and commissioning of environmental monitoring and instrumentation systems including supervisory control and data acquisition (SCADA) systems.

Our combined sales for the year ending 1991 prior to merger was 1.2 million dollars.

Shred-Tech Limited

201 Beverly Street, P.O. Box 1508
Cambridge, Ontario
Canada
N1R7G8
Tel: (519) 621-3560
Fax: (519) 621-0688
John Bell
President

Shred-Tech a Canadian Corporation designs and manufactures Shredding and Recycling Systems for industrial, commercial, and municipal waste, plastics and metal recycling, hazardous waste, tires, and high volume security for stationary and mobile installations. Prices range from $15,000 to $1,000,000,000.

Shred-Tech is export oriented with the major markets being the United States, the United Kingdom, Europe and the Far East. Most engineering design and sales is done directly with the Canadian head office and the UK office in Peterborough.

Shred-Tech is the World's most advanced company in it's marketplace and has grown rapidly since start-up 13 years ago, responding to environmental crisis and concerns Worldwide.

Simcoe Engineering Group Limited

345 Kingston Road
Pickering, Ontario
Canada
L1V 1A1
Tel: (416) 286-2285
Fax: (416) 286-1361
Tom Fowle
President

Simcoe Engineering Group Limited was established in 1974 by a group for experienced engineers dedicated to offering a high degree of specialized service with a new approach. The organization has a reputation for its technical and responsive performance standards, and innovative and reliable design. The Simcoe organization provides services for the development, design and construction supervision of important and complex projects, including water supply, waste water treatment, storm water management, bio-hazard facilities, and advanced control systems.

The organization also undertakes environmental studies, engineering reports, process testing, research, field programs, and fault detection and correction of instrumentation and control systems.

Singer Valve Inc.

12850-87th Avenue
Surrey, British Columbia
Canada
V3W 3H9
Tel: (604) 594-5404
Fax: (604) 594-8845
Brian D. Blann
President

Singer Valve has manufactured a broad range of valves for 40 years. Ten years ago it became apparent that to succeed in world markets it was necessary to specialize. Automatic control valves primarily for water service are now our only product.
Smaller sizes, to 8" (200 mm) employ the simple flat diaphragm design, but for precise control, larger sizes, use the exclusive double rolling diaphragm piston construction to give remarkable control down to zero flow. They have an enviable record of very low maintenance.
More recently emphasis has been placed on marketing and over 60% of sales are exported. Although increased sales volume has been a major goal; many product improvements have been made and the range has been increased to 24" (600 mm) flanges.
Sales to the United States are handled through a network of knowledgeable representatives.
Presently all business is handled out of Surrey, B.C., where we have full engineering, research, manufacturing and test facilities. Several overseas agents carry parts and valve inventory. They have the resources to modify valves to suit specific applications.

Sky Council

689 Indian Rd., 3rd Floor
Toronto, Ontario
Canada
M6P 2E1
Tel: (416) 767-5156
Fax: (416) 767-5156
Dr. Richard Dubinsky
CEO

Sky Council, registered in 1986, is an international distribution and consulting company specializing in Lidar (Laser Radar) and space science industry.
The lidar technique uses a laser pulse as a probe to obtain information from reflectance (backscattering). Lidar applications include a wide spectrum of environmental remote sensing capabilities:
Pollution monitoringCloud diagnostics
toxic leak detection
Pipeline monitoring
Atmospheric monitoring Toxic leak detection
Turbulence detectionBoundary layer mapping
Forest inventoryOil slick detection
Gas detectionMineral detection
Stratospheric ozone (O3) monitoring... and much more...
Sky Council provides maintenance, on-site service and technological upgrading capabilities for lidar and related electro-optical products and services.
Current activity includes atmospheric modelling and related research in addition to the following:

- Atmospheric optical parameters - theoretical calculations
- Laser performance assessment
- Design applications for mobile lidar system
- Calculations of lidar signal to noise ratios
- Coupling optics design for rapid acquisition lidar system
- Numerous other projects

Solid Waste Systems (1990) Inc.

P.O. Box 3781
Airdire, Alberta
Canada
T4B 2B9
Tel: (403) 948-5000
Fax: (403) 948-4425
Jim Knowler
President

Solid Waste Systems manufactures shredder/compactors proven to economically enhance waste

reduction and recycling programs. Incorporated in 1990, the company is the sole manufacturer of the RABCO line of environmentally sensitive products. More than 1000 RABCO units have been sold across North America to hotels, hospitals, grocery chains, restaurants, fast-food outlets, universities, liquor stores, and apartment buildings.
The traditional RABCO offers at least five-to-one reduction of normal waste while the new RecycleIt allows companies to embark on cost-effective recycling programs by shredding and then compacting a wide variety of different materials into a unique bagging system for shipment to manufacturers. RABCO units have proven easy to maintain, safe, clean, durable, and energy efficient. Solid Waste expects continued expansion as new dealers are added outside Canada.

Solinst Canada Ltd.
155 Main Street
Glen Williams, Ontario
Canada
L7G 3S9
Tel: (416) 873-2255
Fax: (416) 873-1992
Jean Belshaw
Marketing Manager

Solinst Canada ltd. manufactures high quality groundwater monitoring equipment which enables hydrogeologists and geotechnical or environmental engineers to obtain detailed accurate groundwater information. Instruments are used in a variety of situation-for preliminary aquifer assessments, ongoing monitoring programs, and contamination studies.

The company became a major supplier of groundwater monitoring instrumentation by developing a variety of special samplers, sampling systems, and other groundwater monitoring instruments. Founded in 1975 to service the instrumentation needs of the geotechnical community in Canada, Solinst began manufacturing in response to a growing need for an accurate water level indicator to measure static water levels, with ease and reliable repeatability. The product line includes the patented Waterloo Multilevel System which allows groundwater samples and pressure measurements to be obtained from multiple discrete zones in a single bedrock borehole. This allows the development of a detailed three-dimensional groundwater profile; drilling expenses and the costs of ongoing fieldwork are reduced.

Sonitec Inc.
5625, Côte-de-Liesse
St-Laurent, Québec
Canada
H4M 1V2
Tel: (514) 744-2155
Fax: (514) 744-3982
Alain Blais
President

Sonitec Inc. whose main office is located in Saint-Laurent City, Quebec, Canada is a manufacturer of water treatment equipment.

Since its foundation in 1984, Sonitec Inc. has introduced many innovative technologies for water treatment applications: boiler feedwater, ice rinks, laboratory water, ultrapure water for different customers (industrial, institutional and commercial).

Sonitec Inc. also manufactures the VORTSAND, a non-conventional process which combines vortex and sand media separations in the same pressure

vessel. This unique concept allows us to use a much finer sand which results in a high rate filter with very low micron particulate removal (down to 0.45 micron). Further, this filter uses less water for backwash and it is also very compact.

Springborn Laboratories (Canada)

48 Regent Street
Guelph, Ontario
Canada
N1E 4W4
Tel: (519) 836-3327
Fax: (519) 836-5818
Rudolf H. Evens
Intern. Program Developm. Assoc.

For over forty-five years, Springborn Laboratories has provided high quality contract laboratory services to over 5000 companies around the world. With annual sales in excess of U.S. $30 million, an overall staff of over 400 highly trained specialists, and laboratories located in North America, Western Europe and the industrialized Asia-Pacific countries, we can supply all of our physical testing and life science laboratory service requirements. We take pride in building lasting relationships with our clients by providing services of the highest quality, in a timely manner at a fair price.

Sproule Associates Limited

140-4th Ave. S.W. Suite 900
Calgary, Alberta
Canada
T2P 3N3
Tel: (403) 269-7951
Fax: (403) 237-0201
Ken Crowther
Engineering Manager

Sproule Associates Limited provides worldwide geological and engineering services to the petroleum and mineral industries, and to governments and international agencies concerned with resource development. These services include: oil and gas reserve determinations, property and company evaluations, subsurface geological analyses, petroleum consultation on exploration and development, management of oil and gas companies and properties, and advice on petroleum investments. The diverse experience of the staff allows for flexibility of operations. This enables Sproule to handle large projects ranging from major evaluations of oil and gas corporations, full-scale feasibility studies and complete exploratory programs, to smaller projects such as local studies and the supervision of the drilling of single wells. Individual specialists are also available as advisors on a wide range of specific topics.

Sproule Associates Limited enjoys the distinction of having successfully completed projects for the Canadian Federal and Provincial governments and many national and international groups.

SRD Sustainable Resources Development Inc.

605-222 Somerset Street
Suite 600
Ottawa, Ontario
Canada
K2P 2G3
Tel: (613) 234-1781
Fax: (613) 563-9621
P.A. Tumbull
Vice President

Established in 1976, SRD Sustainable Resource Development Inc. has extensive experience implementing environmental projects. In response to clients' concern for environmentally sustainable development of a resource, the company provides services in bioresource inventories, socioeconomic surveys, environmental monitoring, environmental impact assessments, environmental conservation strategies, environmental protection policies, environmental audits, and sustainable resource planning and environmental management. The multidisciplinary team of 30

professionals have conducted feasibility studies in Canada and in over 20 countries in Africa, Asia and South America.

Stanco Projects Ltd.

12140 Vulcan Way
Richmond, British Columbia
Canada
V6V 1J8
Tel: (604) 273-6441
Fax: (604) 273-0553
Dave Clarke
Vice President

Incorporated in 1976, Stanco Projects Ltd. supplies bulk chemical handling and storage equipment particularly in regard to water and waste treatment chemicals such as lime, soda ash, and magnesium oxide. Stanco supplies all phases of projects including design, supply, installation and commissioning for reliable, efficient chemical handling systems.

With offices in British Columbia, Alberta, California and North Carolina and representatives in selected areas throughout North America, Stanco is able to effectively service most areas.
Industries served are water and waste treatment, oil and gas, mining, pulp and paper and flue gas desulphurization.
Systems have been supplied to major companies in Europe, Asia and South America.

Stanley Associates Engineering Ltd.

Stanley Technology Centre
10160-112 Street
Edmonton, Alberta
Canada
T5K 2L6
Tel: (403) 423-4777
Fax: (403) 421-4300
Larry Nielsen, P.Eng.
Director, International Services

The Stanley consulting group traces its origins to 1954. The Operation has evolved into the Stanley Group of Companies, comprising various engineering, technological and scientific operating divisions, whose services are available individually or as a coordinated total service. Stanley provides a variety of services which extend from teh conceptual feasibility studies, preliminary, planning and the complete environmental analyses and permitting through the detailed design, procurement, field supervision and project management for plants, facilities, utilities and urban development projects. A staff of enginers, scientists and project managers achieve a level of quality consistent with client and project objectives. Total Group staff stands at 1100 in 21 offices in Canada and abroad.

Steel Fabricating & Welding Co. Inc.

340 Hatt Street
Dundas, Ontario
Canada
L9H 2J1
Tel: (416) 628-6351
Fax: (416) 628-4570
Mike V. Newlands
President

Steel Fabricating & Welding Co. Inc. (the Company was formed in 1933 as a manufacturer for metal tanks for water and sanitary systems for schools and domestic use. In 1946, the Company produced its first air receivers and has, over ensuing years, built up designs which are registered with all provincial government boiler and pressure vessel safety jurisdictions in Canada and are acceptabie to the National Board of Boiler and Pressure Vessel Inspectors of the United States. Today the Company is the largest manufacturer of ASME pressure vessels in Canada.

Types of pressure vessels manufactured include, but are not limited to, air receiver tanks which are government registered pressure vessels used on mining and agricultural machinery, drilling rigs, dental equipment, paint spray equipment, off-road vehicles and other equipment where air is used for control or operation. Other types of vessels

include surge tanks for stamping presses, sandlast tanks, oil/air receiving tanks, and water treatment tanks. These pressure vessels are produced both for domestic use and export sales.

Steffen Robertson & Kirsten (B.C.) Inc.

Suite 801
1030 West Georgia Street
Vancouver, British Columbia
Canada
Tel: (604) 681-4196
Fax: (604) 687-5532
A. MacGregor Robertson
President

Steffen Robertson and Kirsten (SRK) is an international consulting firm offering expertise in environmental sciences; geotechnical, mining, and geological engineering, and geology, hydrology and geochemistry. SRK was founded in 1973 and was incorporated in Canada in 1978. SRK's North American offices are located in: Vancouver, British Columbia; Toronto, Ontario; Denver, Colorado; Seattle, Washington; Reno, Nevada; and Columbia, South Carolina. Additional offices are located in Great Britain and several African countries.

Since inception, SRK has been involved with the design, permitting, construction, operations management, and reclamation of many mining projects developed in North America and elsewhere. They have established an international reputation in the area of Acid rock Drainage (ARD), which is a key environmental issue in mining. Working with both industry and regulatory authorities on the ARD issue, SRK is providing consulting services on mining projects, assisting in the development of technical guidelines, and giving short courses.

Stelem Inc.

33 Huot St.
Notre-Dame de l'Ile Perrot, Québec
Canada
J7V 7M4
Tel: (514) 453-6910
Fax: (514) 453-6370
Marcel Guibord
President

Stelem Inc. was founded in 1983, offering services for restoration of fire hydrants. Special tools were fabricated allowing the restoration of the fire hydrants without the need of excavation. Supplies parts for more than 70 different marks and models of fire hydrants.

Conceived a software program to manage the maintenance of fire hydrants. Train people for the restoration and the maintenance of fire hydrants and also to manage the maintenance of fire hydrants with a software. Patented an hydraulic removable siphon to be used in a sewer system. This siphon will stop the circulation of air, gas etc. inside a sewer and is removable to allow maintenance of the sewer with the normal tools and with normal production.

Sales are expected to rise by 150% to 200% annually for the first 5 years. Our customers are cities and large industries.

Stone & Webster Canada Limited

2300 Yonge Street
Yonge-Eglinton Centre
Toronto, Ontario
Canada
M4P 2W6
Tel: (416) 482-8500
Fax: (416) 482-2865
W. Seaton
General Manager

Stone & Webster canada Limited, federally incorporated in 1950, offers a comprehensive range of design and construction, consulting engineering, procurement and project management services to the petrochemical, petroleum refining, chemical, environmental, fermentation, power and steel industries in both major and minor projects. A

member of the Stone & Webster worldwide group of companies, its head office is in Toronto, Ontario where approximately 400 professional, technical and support personnel are employed.

Comprehensive services are provided for the conceptual development, engineering, procurement and construction of environmental facilities. Engineering consulting services are offered for the preparation of feasibility study reports and for providing specialist expertise to solve unusual environmental problems. Stone & webster has the capability, expertise and manpower to design and construct most types of environmental facilities. The company has diversified to meet the needs of Canada's developing industries and entered the export market for the express purpose of bringing more work to Canada.

Stothert Engineering Ltd.

7th Floor, 1155 West Georgia Street
Vancouver, British Columbia
Canada
V6E 3N7
Tel: (604) 681-8165
Fax: (604) 682-4299
Telex: 04508586 (STOTHENG VCR)
D. Ross Lewis
President

Stothert Engineering Ltd., a member of the Stothert Group, provides comprehensive engineering and project management services for industrial and energy production facilities on a worldwide basis.

Stothert was founded in 1966 and is a 100% Canadian, employee-owned firm with headquarters located in Vancouver.

The areas of Stothert's activities include: Pulp and Paper Mills, Chemical Plants, Thermal Power Plants, Industrial Wastewater Treatment and Air Emissions Control Systems, Specialized Investigation of Equipment Failures, Explosions and Fires, Water Resources and Hydroelectric Facilities and General Industrial and Heavy Commercial Facilities. Complete engineering services are provided including: process design; mechanical and piping engineering; civil and structural engineering; electrical, instrument, and control systems engineering; procurement of equipment and services; project management and administration; construction engineering and supervision; check-out and start-up of production facilities; trouble-shooting and maintenance services.

Stothert Management Ltd.

1155 West Georgia St.
Vancouver, British Columbia
Canada
V6E 3N7
Tel: (604) 681-8165
Fax: (604) 687-3589
J. Robert Harmer
President

Stothert Management Ltd., incorporated in 1968, provides comprehensive services for all administrative functions, including start-up and commissioning, operations management, financial management, staff training, problem solving and marketing. Stothert Management has provided comprehensive pulp and paper mill management expertise in locations from the Pas, Canada to Mgololo, Tanzania. It has frequently collaborated with international financial institutions such as the World Bank, the Commonwealth Secretariat, Swedish International Development Agency, Commonwealth

Development Corporation, Asian development Bank, and the Canadian International Development Agency.

Typical international assignments, among an extraordinary diversity of projects, have dealt with the pulp and paper industry in Sri Lanka, airlines in Tanzania, the cement industry in the Philippines, tea plantations in Uganda, ski resorts in western Canada and cogeneration plants in California. Stothert Management Ltd. develop business strategies and administrative systems to ensure the successful performance of projects.

Stothert-Christenson Engineering Ltd.
Suite 114, 4240 Manor Street
Burnaby, British Columbia
Canada
V5G 1B2
Tel: (604) 433-6643
Fax: (604) 433-0616
Telex: 04508586 (STOTHENG VCR)
Ken Marzocco
General Manager

- Oil refineries
- Petrochemicals
- Natural Gas Processing
- Pipelines
- Environmental Controls
- Chemical Plants

Stothert-Christenson Engineering Ltd., a Vancouver based company, provides innovative, cost effective, state-of-the-art engineering for a wide range of clients. Personnel are utilized, to serve industries in north west United States markets.
Stothert-Christenson Engineering works with clients from initial concept through the development phase, preliminary engineering, detailed design, procurement and construction management.
All projects are carried out with emphasis on environmental design features to ensure maintenance of quality of life.
Typical projects include:
Engineering and design of:

- Upgrading of an LPG storage system.
- Vapour recovery system for piping, electrical, and instrumentation for gasoline loading system to the recovery unit.
- Powerformer Unit sulphur trap system.
- Piping, electrical, and instrumentation of a revamp on a refinery effluent water system.

Superwood Western Ltd.
9915-76 Avenue
Edmonton, Alberta
Canada
T6E 1K8
Tel: (403) 439-6618
Fax: (403) 439-3521
Harvey R. Jaehn
President

Incorporated in 1991
Superwood Western manufactures lumber-like material made from 100% post consumer waste plastic. Using new technology, Superwood is made entirely from recycled plastics, bags, bottles jars, and packaging that would otherwise end up in land fills. This lumber like material is rigid, strong, maintance free, will not rot, chip, corrode, or splimter. It is used for raod signs, traffic barriers, parking curbs, pallets, benches, planters, garbage receptacles fencing, and picnic tables. Superwood can be nailed, sawed, drilled and planed, similar to natural wood. It is U.V. stabilized and because of its density, will maintain its appearance and strength for generations, horticulture, recreational and industrial areas where rot, decay or maintance is a problem.

Sur-Flo Meters & Controls Ltd

5103-62nd Street
Lloyminster, Alberta
Canada
T9V 1G3
Tel: (403) 875-5705
Fax: (403) 875-9030
Lloyd Nelson
President

Founded in 1979, Sur-Flo Meters & Controls Ltd. is certified to manufacture process control equipment. Key personnel have been associated in industrial instrumentation for a combined 40 plus years. Sur-Flo Meters is very interested in transferring its technology and/or establishing a joint venture with a foreign firm, either in Canada or abroad. They are also interested in foreign investment of its company. Even though Sur-Flo Meters is not presently exporting to other countries, they are very interested in doing so.

Sur-Flo has successfully manufactured complete measuring and monitoring instrumentation for fluids with a complete line of associated electronic equipment. Sur-Flo Meters also manufactures pressure fluid control and monitoring valves. Its services also offer design and assembly of turn key process control and monitoring systems.

Sutherland-Schultz Limited

859 Courtland Avenue East
P.O. Box 1326
Kitchener, Ontario
Canada
N2G 4H5
Tel: (519) 743-4123
Fax: (519) 743-1628
Jim Balsillie
Vice President

Sutherland-Schultz Limited is a fully integrated engineering/construction who's operations began in Ontario in 1922. Sutherland-Schultz Limited consists of three operating divisions: Engineering, Construction and Service. The Engineering Division is composed of groups focused on: controls and automation, energy management, integrated process systems, motor drive control systems, machine and panel fabrication, software development and product development/marketing. Over 150 engineers, technicians, programmers, draftspersons and project managers are capable of providing turn-key solutions to any manufacturing challenge. Operation in the automated manufacturing market as a systems integrator and a hardware/software product developer/manufacturer, Sutherland-Schultz does business all over the world. The Construction Division combines all the trades: electrical, mechanical, millwrighting, civil, rigging, sheetmetal, insulation, air conditioning, and refrigeration, to offer one-source contracting to industrial and institutional markets. The Service Division offers 24 hours emergency service for air conditioning, refrigeration, heating systems, electrical motor repair/sales and pneumatic controls - in short, full building services.

Technology Resource Inc.

502-100 Kapilano St
West Vancouver, British Columbia
Canada
V7T 1A2
Tel: (604) 925-2323
Fax: (604) 925-1366
Allister Brown
President

Since incorporation in 1982, Technology resource Inc. has provided professional environmental and pollution control consulting services. Services are provided to industry, government, architects and others to solve difficult environmental problems and issues. Personnel have expertise in completing comprehensive environmental audits, design of effluent treatment systems, preparation of management and treatment systems for hazardous chemicals, under-

ground storage tank testing systems and services, expert witness and arbitration advisory services. Well qualified, highly experienced project personnel will find practical solutions to pollution problems which will provide the prerequisite protection of the environment and human health. Major clients in Canada include MacMillan Bloedel Ltd., Fletcher Challenge Canada Inc., Weldwood of Canada Limited, West fraser Timber Company, Northwood Pulp & Timber Ltd., BC Rail, BC Tel, Westar Resources and Kelly Douglas. International clients include Environmental Departments in both Thailand and Malaysia, Engineering Science. Controlled growth is planned at 50% per annum for several years.

Sutherland-Schultz Limited
859 Courtland Avenue East
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Kitchener, Ontario
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Tel: (519) 743-4123
Fax: (519) 743-1628
Jim Balelllie
Vice President

The Schultz organization, which was incorporated in 1944, provides forestry and environmental services.

- Forest Resource Development Planning
- Silviculture .Inventories and Mapping
- Nursery Development
- Training, Design and Operations Engineering
- Resource Utilization and Evaluation
- Environmental Impact Assessments
- Ecosystem Improvement Planning
- Land Reclamation
- Watershed and Reservoir Development

The Schultz organization has conducted numerous forest inventories in Canada, United States, New Zealand and various countries in Africa, Latin America and Southeast Asia.

A logical outgrowth from this specialized involvement with forest resources has been development of expertise in other natural resources, such as fish, wildlife, vegetation, soils, water, air and in analyzing the alternative uses of land. Schultz International has carried out a wide range of assignments involving the quality of the environment, from a major environmental impact assessment and an acid rain study for a large lignite fired power generation plant at Mae Moh in Thailand to preparation and presentation of seminars dealing with PCB's for the Government of Canada.

Syprctec Inc.
179 Brunswick Blvd
Pointe-Claire, Québec
Canada
H9R 5N2
Tel: (514) 694-3637
Fax: (514) 694-9245
Jean-Pierre Gibeault
President

Syprotec founded in 1975, specializes in the development, manufacturing and worldwide marketing or analyzers and techniques dedicated to the detection, monitoring and control of failure conditions in oil-filled electrical equipment.

The HYDRAN 103B is a portable, fully automated and battery operated instrument dedicated to the detection and measurement of dissolved combustible gases in transformer oil. The HYDRAN 201R is an early warning device and will alert you to developing fault conditions that will potentially load to equipment failure. The HYDRAN 201R is easily mounted on oil-filled electrical equipment for real time continuous monitoring. AQUAOIL instruments and sensors monitor

and detect the evolution of moisture in dielectric liquids. The portable AQUAOIL 100 is used in the field or the laboratory to measure the moisture content in a qrab sample, and the AQUAOIL 200 is mounted on a transformer for the continuous monitoring of moisture in oil.

System Ecotechnologies Inc.
#202-15 Innovation Blvd.
Saskatoon, Saskatchewan
Canada
S7N 2X8
Tel: (306) 955-0872
Fax: (306) 975-7011
G. Lakshman
President

System Ecotechnologies Inc. is a Canadian-based technology company established in response to the unique technology needs related to the Enhanced Utilization of Resources, Advanced Waste and Wastewater Treatment and the Production of Value-added Marketable Products from Wastewaters.

System Ecotechonologies Inc. will design and operate Engineered Wetland Treatment systems to provide Advanced Tertiary treatment for sewage, industrial, agricultural and mining effluents. The company has specialized expertise to produce ethanol, animal feed, thermal insulation and fuel pellets from biomass. The company provides consultation, conducts in-house research in a full scale laboratory, and conducts contract research on specific environmental and resource-based issues.

System Ecotechnologies Inc. has a network of internationally reputed scientists and specialists who can provide authoritative and expert advice to the client on a number of issues.

Tandem Engineering & Management Consultants Inc.
190 Bronson Ave.
Ottawa, Ontario
Canada
K1R 6H4
Tel: (613) 237-1565
Fax: (613) 234-2107
Gordon W.R. Taylor
Partner

Tandem Engineering & Management Consultants Inc., formed in 1986, has three primary areas of business-consulting, product marketing and proprietary products manufacturing. The focus of the firms activities is in the road transportation vehicles and related products.

In the consulting services area, the company undertakes strategic and evaluation studies in the areas of automotive engineering, emission control technology, travel demand analysis and transport and environment Governmental agencies in Canada, US, and international organizations such as International Energy Agency and the World Bank Group.

Tandem also manufactures a vehicle use data acquisition system call AUTOLOGGER which is used to collect information on vehicle usage patterns. The AUTOLOGGER data is used for collecting representation vehicle use profile data for use in traffic engineering studies, emission inventory calculations and the tracking changes in travel patterns.

Technology Transfer and Licensing Office
University of Waterloo
200 University Avenue
Waterloo, Ontario
Canada
N2L 3G1
Tel: (519) 888-4058
Fax: (519) 746-3575
E.B Cross
Associate Director

Formed in 1990, the Technology Transfer and Licensing Office (TTLO) replaced the Waterloo Centre for Process Development and the Commercial Development Office. The mission of the

TTLO is:
to facilitate the development and transfer of technology to industry and to generate income for reinvestment in the university research community.

The University of Waterloo encourages the use of its resources to create intellectual property and to integrate this with scholarly activity. Intellectual property is defined as the material benefits of research and the rights of ownership of such property are vested in the creators unless those rights are qualified by written agreements to the contrary.

When the university enters agreements where it is expected to license or convey the rights to intellectual property resulting from research activity, such agreements are negotiated with the full understanding and support of the principal investigator.

Advice and counsel to faculty members regarding appropriate clauses to be considered to protect the inventor's rights in any intellectual property developed.

Expertise to bring inventions (developed as a result of university research activities) forward for public use and benefit.
Help in identifying potential private or public sector partners for technology transfer.
Funds and guidance to protect and develop intellectual property so that organizations equipped with the necessary resources can bring the technology to its full commercial potential.

Tecsult International Ltd.

85, rue Sainte-Catherine ouest
Montréal, Québec
Canada
H2X 3P4
Tel: (514) 287-8500
Fax: (514) 287-8643
Luc Benoît
President

Tecsult was founded in 1961. The company rapidly became one of the most important consulting firms in Canada due to the high competence of its specialists and its dynamic organization.

In the field of the environment, the Company has extensive experience. It has worked in Canada, USA, Central and South America as well as in Africa and Asia.

The services offered by TECSULT in the field of the environment include: technical studies, impact and site characterization, pollution control, reconnaissance of contamination, corrective measures, management and treatment of toxic wastes, standards for the protection of the environment, forestry, flood control, risk analysis.

The firm's solid reputation was built in some 60 countries where it has worked. This reputation was established by the high professional quality of its employees and their adaptability to the clients' needs. Our specialists speak English and French, some speak Spanish and other languages.

Presently, we have offices in the Americas, Africa and Asia.

Temprite Industries Limited

6470 Viscount Road
Mississauga, Ontario
Canada
L4V 1H3
Tel: (416) 678-7780
Fax: (416) 678-9669
W.P. Lucas
Vice President, Sales

For more than 25 years, Temprite has been a pioneer in the design, engineering and production of heating, ventilating and heat recovery equipment for industrial applications. Today, the company manufactures incinerators, industrial process heating equipment and heat recovery systems.

The XCELL™ consists of modularized groups of channels,

manufactured from either stainless steel or aluminum and designed to handle temperatures up to 850$_{o}$C in volumes to suit the customers application.

The Temprite direct and indirect-fired, oil or natural gas air-handling units are designed in packages to handle up to 170,000 M^3/hr. of pre-heated clean fresh-air into the work place. They are engineered for efficiency, reliability, economy and low maintenance costs.

With energy saving efficiency Temprite's Thermal and Catalytic Incinerators effectively remove the contaminants from industrial gas heaters emissions. The addition of one or more SCELL™ heat exchangers enables the heat generated by oxidation of the contaminants to be recovered and recycled.
Every Temprite installation is customized to meet the exact requirements of this specific industrial application.

Terracon Geotechnique Ltd.
800, 633-6 Avenue S.W.
Calgary, Alberta
Canada
T2P 2Y5
Tel: (403) 266-1150
Fax: (403) 233-0841
Lee Nichols
Vice President

Terracon Geotechnique Ltd. is a Canadian consulting firm comprised of geologists, geotechnical engineers, hydrogeologists, mining and environmental engineers, with extensive "hands-on" field and operations experience. Established in 1978, the firm diversified and subsequently reorganized under the name of Terracon Geotechnique Ltd. in 1983. The company's headquarters are located in Calgary, Alberta with branch offices in Edmonton and Fort McMurray, Alberta. Terracon currently maintains a staff of 40 professionals. The company serves a Canadian and International clientele.

The diversity and depth of experience of Terracon's senior staff, combined with an ongoing active participation in the design and implementation of proven and leading edge technologies for the private and public sector, have fostered the growth of a company that possesses corporate expertise in a wide range of resource development and environmental enhancement projects. Typical assignments involve field investigations, instrumentation and monitoring, data analysis, operating/mitigative design, cost analyses, report generation and design implementation.

The company offers services in the disciplines of geology, geotechnical engineering, groundwater hydrology, surface hydrology, mine engineering and environmental engineering. Affiliated disciplines include contaminant geochemistry and environmental toxicology. State-of-the-art techniques including design, research and development capabilities in the aforementioned disciplines are offered with supporting computer services for projects in Canada and throughout the world.

Third Wave Engineering Inc.
504-138 Portage Avenue East
Winnipeg, Manitoba
Canada
R3C 0A1
Tel: (204) 958-4700
Fax: (204) 947-3463
Lubomyr Banias
President-CEO

Incorporated in 1990, Third Wave Engineering Inc. was formed by Canadian engineering and construction concerns to go into joint venture with CANUKR Development Corporation - a Canadian/Ukrainian design/build construction company. This firm provides the Canadian expertise in feasibility, design, and construction of various structures contracted to CANUKR.

As a new firm, it has also developed its own market. Third Wave Engineering Inc. Gas recently obtained contracts which include carrying out feasibility studies for a community college, design of a refuse landfill, and design of a bridge. The firm is looking forward to rapid growth primarily in the East European and International market.

Thyssen Canada Limited
1 Greensboro Dr.
Rexdale, Ontario
Canada
M9W 1C8
Tel: (416) 241-1186
Fax: (416) 241-0076
Ralph C. Sauerberg
Vice President

Thyssen Canada Limited was incorporated in Canada in 1967. Its primary function is to act as marketing and consulting arm of Thyssen AG in Germany (worldwide sales in 1990 $24 billion) introducing its rolled steel products, capital goods and licensed technical know how in areas of steel production, turn-key projects and environmental goods and services.

Thyssen Canada Limited has been active in the environmental field for the past 15 years, domestically and in exports to the US and other countries. Export sales in 1991 will be approximately $6 million (destination overseas). The experience of Thyssen offices in Europe, Middle East, Asia, South America and the US is combined with Canadian know how and content. Efforts are concentrating on projects covering water and waste water purification, composting plants, recycling and flue gas desulphurization.

Tiger-Vac Inc.
11600 - 6th Avenue (R.D.P.)
Montréal, Québec
Canada
H1E 1S1
Tel: (514) 643-1525
Fax: (514) 494-8201
Rocco Mariani
Export Manager

Incorporated in 1985, Tiger-Vac Inc. manufactures industrial vacuum cleaners for wet and dry recovery. These include vacuum cleaner systems for clean rooms, computer rooms and for toxic, hazardous and nuisance waste recovery. Tiger-Vac also manufactures explosion proof vacuum cleaners as well as pneumatic vacuum cleaner systems. Marketing is primarily directed towards specialized distributors of clean room products and other large firms involved in the sale of cleaning equipment for contamination controlled environments. The numerous advantages of Tiger-vac vacuum cleaner systems include their exclusive EMI suppressor, absolute air filtration and superior design and construction. Export sales totalled approx. $ 500 000 in 1989-90 (95 % to the U.S.). Major U.S. clients have included large companies such Control Resource Systems Inc. of Michigan. Tiger-Vac is also working closely with the Canadian Depart-

ment of National Defense in the development of a pneumatic explosion proof vacuum cleaner system.

Trecan Combustion Limited

6685 Millcreek Drive, Unit 6
Mississauga, Ontario
Canada
L5N 5M5
Tel: (416) 826-8631
Fax: (416) 826-8696
Peter Miller
General Manager

For over 25 years Trecan has specialized in the design, manufacture, installation, commissioning and service of industrial combustion equipment and systems. Emphasis is given to incineration systems for solid, liquid, and gaseous wastes including low level radioactive waste, biomedical waste and sour gases. More than 200 incineration systems have been supplied with export applications including the U.S.A., Mexico, Ireland, Oman, Syria and Taiwan.

The company's unique oil and gas fired snow melters which are available in capacities of 20 or 40 t/h (or multiple thereof) make a significant environmental contribution by eliminating the dumping of contaminated snow in rivers, lakes or other environmentally sensitive areas. Several hundred snow melters are in use throughout the U.S. and Canada.

Trident International Inc.

503 - 138 Portage Ave. E.
Winnipeg, Manitoba
Canada
R3C 0A1
Tel: (204) 958-4700
Fax: (204) 947-3463
L. Banias
Manager

Incorporated in 1980, Trident International Inc. has carried out engineering services in Canada and throughout the world. The firm has provided engineering services in groundwater development, water distribution, water treatment, wastewater collection and treatment, and subsurface environmental studies. International experience includes groundwater assessments in Swaziland, Africa and Ecuador, South America; low income housing assessments for Mauritius, Indian ocean and Malaysia.

The firm is currently involved in providing engineering services in the East European market, primarily the Ukrainian Republic.

Trojan Technologies Inc.

845 Consortium Court
London, Ontario
Canada
N6E 2S8
Tel: (519) 685-6660
Fax: (519) 681-8355
Hank Vander Laan
President

Trojan Technologies Inc. founded in 1976 manufactures patented ultraviolet (UV) disinfection systems for residential, commercial, industrial and municipal water and wastewater applications. UV offers benefits over chlorination and biocides in the removal of microorganisms. It is a non chemical solution, environmentally friendly and lower in operating costs than other methods. It is also much safer to use. Sales are now over $10 million (80% to the U.S.) with 35 US manufactures' representatives and agents in Europe, South East Asia, Australia and New Zealand. The marketing structure is well developed. A growth rate of 30% is forecast over the next three to five years. Major cities in North America intend to change over to UV in the disinfection of their wastewater in the next few years.

Trow Consulting Engineers Ltd.

1595 Clark Blvd.
Brampton, Ontario
Canada
L6T 4V1
Tel: (416) 793-9800
Fax: (416) 793-0641
Eric Veska
Manager Env. Services

Founded in 1957, Trow Consulting Engineers Ltd. is registered in Ontario with thirteen (13) Branches in Ontario, others in Montreal, Vancouver, Chicago, and Boston. The Corporate headquarters is located at 1595 Clark Boulevard, Brampton, Ontario, Canada. Trow Consulting Engineers Ltd. provides advice, evaluation, testing, specifications, quality assurance and specialist design services in all areas of construction.
These areas of expertise include Geotechnical Engineering: Hydrogeology, Environmental Assessment and Waste Management; Pavement Engineering; Building Science and Technology; Building Services (HVAC) Commissioning; Concrete Technology; Grouting and Special Techniques; Rehabilitation; Mining and Rock Mechanics. In 1990, the Company had sales of $ 33 Million (5% to the US). A growth rate of at least 20 percent per annum is forecast for this market over the next 5 years.

Ultra-Pac

35 Waydorn Drive
R.R. #1
Aylmer, Ontario
Canada
N0B 1E0
Tel: (519) 623-4055
Fax: (519) 740-0041
Jim Duffin or Peter Brown
Owners

Incorporated in 1991, Ultra Pac packaging and material handling systems for all consumable products prepared for distribution. Market direction is with bottling plants, bulk storage systems and conveyors used in food, beverage, wine industry. Conveyor systems also for sorting parts, order preparation used in distribution warehouses, post offices etc. Advantage of our conveyors is their maintenance free design and quiet operation. Refurbishing older equipment in the bottling, carping, packing lines and change parts and feed screw systems.

Export sales are approximately $300 k/yr and major clients are local but of international stature.

Umatac Industrial Processes

210, 2880 Glenmore Trail S.E.
Calgary, Alberta
Canada
T2C 2E7
Tel: (403) 279-8080
Fax: (403) 236-0595
R.M. Ritcey
Manager-Demonstration

UMATAC and the Alberta Oil Sands Technology and Research Authority (AOSTRA) developed the AOSTRA Taciuk Process as a high production, continuous flow pyrolysis separation technology to extract bitumen from oil sands and oil shales, and to produce thermally upgraded oil. The Process is also a new, exciting thermal technology for treating waste or contaminated materials which contain mixtures of organic compounds or sediments. The Process is anaerobic pyrolysis with ancillary facilities to collect liquid products, handle and discharge solids residue, and treat gaseous emissions of heat generating combustion.

The Process was developed at a pilot research facility in Calgary, and has been tested on various materials from around the world, such as oil sands and shales, wastes from oil field production, gas plant, chemical and oil refinery waste, PCB contaminated soils, municipal garbage and coal tars.

Unies Ltd.

1666 Dublin Avenue
Winnipeg, Manitoba
Canada
R3H 0H1
Tel: (204) 633-6363
Gordon A. Spafford
President

Founded in 1970 to provide services and facilities to consulting engineers and scientists, UNIES Ltd. comprises professional staff and consulting associates including civil, mechanical, electrical and agricultural engineers, geologists and physicists, and maintains informal associations with individuals and organizations contributing complementary specialist services in economics, engineering, biological and social sciences, and transportation.

Major environmental fields of activity include hydrological, hydraulic and water resource modelling, surveys and management studies, engineering and economic planning for community and resource development and management, computer simulation, building technology and research, energy systems monitoring, analysis and management, energy conservation, and engineering design, along with data management and training in these fields.

Universal Systems Ltd.

270 Rookwood Avenue
Fredericton, New Brunswick
Canada
E3A 5H2
Tel: (506) 458-8533
Fax: (506) 459-3849
Rick Nyarady
Applications Engineer

Universal Systems Ltd. was incorporated in 1979 and is based in Fredericton, New Brunswick, Canada. The privately owned company develops and markets state-of-the-art digital mapping and Geographic Information Systems. Universal Systems Ltd. has developed and promotes three software products:

- CARIS (Computer Aided Resource Information System) designed to support the digital cartographer and Geographic Information System (GIS) manager.
- SAMI (Semi-Automated Mapping Input) designed to support data collection for a number of digital and GIS systems through the use of interactive raster - to - vector techniques.
- ECMAN (Electronic Chart Manager) designed to support system integrators interested in developing electronic navigation systems.

The mandate of Universal Systems is to:

1. Develop, market and support its products. Disciplines where these products can be applied include:
   - Topographic Mapping-Hydrographic Charting
   - Marine Sciences
   - Environmental Sciences
   - Geology
   - Agriculture
   - Forestry
   - Municipal Management
   - Cadastral Data Management

Transportation

2. Continue research into improved techniques which will expand product functionality to a wider more knowledgeable client base.
3. Provide integrated solutions to clients interested in spatial information and GIS technology.
4. Provide consultant services in the field of spatial information systems.

Universal Systems Ltd. and its representatives market and support CARIS worldwide.

Urban Systems Ltd.

7 West St-Paul Street
Kamloops, British Columbia
Canada
V2C 1E9
Tel: (604) 374-8311
Fax: (604) 374-5334
R.T. McQuillan
President

Incorporated in 1975, Urban Systems Ltd. provides Planning, Engineering and Landscape Architecture services to local and regional government. Environmental and related services include the assessment and design of water treatment facilities, waste water treatment facilities including recycling, storm water runoff and pollution abatement. The Company has been a leader in Western Canada in assessing, designing and implementing waste water irrigation projects where treated waste water is recycled on golf courses. Energy efficient designs for supply, distribution and disposal systems are included in our overall environmental awareness approach. The Company has gained its experience throughout Western Canada and presently provides services to government and private clients from four offices with 100 permanent employees. The Company is now involved in exporting its waste water disposal technology (effluent irrigation) on a golf course project in the Caribbean.

Valmet Automation (Canada) Ltd

#1-6325-12 St S.E
Calgary, Alberta
Canada
T2H 2K1
Tel: (403) 253-8848
Fax: (403) 259-2926
Dave Jardine
Vice President

The SAGE® Systems Division of Valmet Automation (Canada) Ltd. manufactures remote monitoring and control equipment for the oil and gas, water/waste water and electric utility industries. Marketing is directed through consultants, OEM's and direct to the end-users. Valmet remote Terminal Units (RTU's) offer a range of input, output, logical and communication capability as well as low power operation (solar powered).

Valmet SAGE® has an installed base of over 300 systems including more than 6000 RTU's. USA clients have included Minneapolis Water Control Commission and Delta Environmental Consultants, Inc.

Vaughan Engineering Assoc. Ltd.

PO Box 2045, Stn. "M"
1577 Granville Street
Halifax, Nova Scotia
Canada
B3J 2Z1
Tel: (902) 425-3980
Fax: (902) 423-7593
Ralston MacDonnell
President

Vaughan Engineering Associates Limited of Halifax, Nova scotia has been in the consulting engineering business since 1959, with its incorporation under the Canada Business Corporation Act dating from March 5, 1981. The company has provided engineering consulting services in 6 of the 10 provinces of Canada, and in several other countries.

Providing engineering design services, reports, environmental reviews, drawings, specifications, and services during construction, Vaughan Engineering has a full-time staff of some 50 persons, approximately half of whom are professional engineers. This high ratio of professionals enables the firm to provide quality service in civil, environmental, electrical, mechanical, municipal, and heavy structural engineering, including finite element analysis, and landscape architecture.

Venmar Ventilation Inc.

1715 Haggerty St.
Drummondville, Québec
Canada
J2C 5P7
Tel: (819) 477-6226
Fax: (819) 474-3066
Jean Poisson
Chief of Products

Venmar Ventilation Inc. is a Canadian's leading manufacturer and distributor of home ventilation equipment.

Through its extensive distribution system covering some 1,200 renovation, building materials and hardware stores, as well as a network of ventilation and heating contractors, Venmar Ventilation Inc. supplies the Canadian market from coast to coast.
In 1976, Venmar was established as a distributor of a turbine fan for roofs. The business was oriented towards the prefab and mobile home markets.

2In an attempt to expand its distribution network by penetrating the renovation market, Venmar started offering kits for for-it-yourselfers through building materials centres.

Versatech Products Inc.

2479 Bellview Avenue
West Vancouver, British Columbia
Canada
V7V 1E1 C
Tel: (604) 922-5357
Fax: (604) 922-7745
M. Taherzadeh
President

Originally formed in 1968, Versatech Products Inc. has pioneered much of the technology seen in the oil spill response products offered to the world-wide market today. The company is one of the largest and most diversified manufacturers in North America and markets its products throughout the world through a network of sales representatives and agents. Versatech has been involved in clean-up activities in most of the world's oil spill disasters and it is fair to say that the Company's state-of-the-art oil spill response equipment can be found in virtually every port of the world.

Versatech manufactures eight standard types of booms, hand-held to ocean-going skimmers, 18-foot to 37-foot Sealander landing craft, as well as a wide range of oil and chemical sorbents, pumps, tanks and accessories to complement any system. The Company's team of highly experienced and well-educated

industrial markets, including mufflers, silencers, noise control enclosures, barriers and vibration isolation and control equipment. Installation supervision and "turn-key" capabilities are available. While focused primarily on the needs of the North American market, VIBRON is prepared to "partner" with qualified firms to develop long term, mutually beneficial relationships.

Volcano Energy Systems Inc.

4300, Beaudry avenue
Saint-Hyacinthe, Québec
Canada
J2S 8A5
Tel: (514) 774-5326
Fax: (514) 774-3687
Michel R. Menard
President

Volcano Energy Systems Inc., established in 1912, designs, manufactures, installs and maintains high technology boiler systems and basic products for industrial and commercial incineration and energy conversion. The company's products and services are available to numerous diverse industry sectors including pulp and paper. petrochemical, municipal waste treatment and water treatment. Their wood waste-fueled boilers are well known to the pulp and paper industry where cost of conversion from oil to wood waste is recovered in less than one year. Numerous municipalities have enjoyed the economical and ecological advantages of combining an incinerator with a boiler in refuse treatment plants.

Volker Stevin Offshore Canada Inc.

710 Bow Valley Sq. 3
255 - 5Th Ave. S.W.
Calgary, Alberta
Canada
T2P 3G6
Tel: (403) 234-7890
Tel: (403) 294-1693
J. Wainwright
Vice President

Volker Stevin Offshore Canada Inc. (VSO Canada) is the Canadian subsidiary of Volker Stevin Offshore which is a member of the Netherlands-based Royal Volker Stevin group of companies. VSO Canada manages the operations of Volker Stevin Offshore in the Western Hemisphere. VSO Canada offers a wide range of services including offshore construction, dredging, directionally drilled pipeline/cable installations and environmental services. The environmental services offered by VSO Canada include soils cleaning using rinsing or thermal treatment techniques; treatment of soils containing toxins, heavy metals or other contaminants; treatment for eutrophication of water bodies; means of isolating contaminated soils amongst many other innovative concepts for environmental protection and reparation. These patented techniques and services have been proven effective and reliable through many years of operation in Europe and are now being offered in the Western Hemisphere by VSO Canada.

W-E-R Engineering Ltd.

306, 2735 - 39th Avenue, N.E.
Calgary, Alberta
Canada
T1Y 4T8
Tel: (403) 291-1195
Fax: (403) 250-7165
Al McPhail
President

W-E-R Engineering Ltd., headquartered in Calgary, Alberta, Canada, is a Firm of consulting engineers providing specialized services in water resources, irrigation, drainage, hydraulic and structural design, and construction management. The Company has well-established strengths and experience in the areas of irrigation project design and management, river basin planning and in the coordination

of multi-disciplinary environmental studies. W-E-R's services include the modernization of irrigation and drainage systems; ensuring the substainability to resource use; and human resource development. In addition, to ensure more effective water management analysis and improved system efficiency, the Company has, in recent years, developed and applied innovative river basin and irrigation systems modelling techniques, including state-of-the-art computer models to upgrade and improve irrigation system efficiency, increase project cost-effectiveness, and conserve water and soil resources- all of which are perceived as important components of any of the irrigation and drainage projects throughout the world.

The qualifications and experience of the Firm's professional and technical staff include strong capabilities in:

- Irrigation and Drainage Project Design and Management
- Water Resources Management
- River Basin Planning
- Conceptual Design and Engineering Feasibility Studies
- Final Designs and Construction Management
- Agricultural Soils and Cropping
- Cost-Effective and Efficient Land and Water Use
- Water Management Computerized Modelling
- Human Resource development and Operational Training
- Environmental Enhancement and Mitigation

W.L. Puckering Consulting

3535 West 48th Ave.
Vancouver, British Columbia
Canada
V6N 3P9
Tel: (604) 261-5087
Fax: (604) 266-5043
W.L. Puckering
President

Established in 1985, W. L. Puckering Ltd., headed by W. L. Puckering P. Eng., Chemical, operates as an environmental and waste management consulting service specializing in process development and plant design. Mr. Puckering has over 20 years experience as a senior project manager with major consulting engineering firms. Together with associates in Western Canada, a full range of project services is offered including investigations, studies, audits, feasibility studies, project financial analysis, design engineering and construction assistance as well as start-up services. Services are available on short notice, anywhere in the world.

Recent projects include development of new chemical manufacturing facilities: process design and construction of a sodium benzoate process, R&D and process development for a new wood preservative, feasibility study for a crude tall oil refinery, design engineering for a magnesia calcining circuit, start-up of a calcium hypochlorite plant in Northern China. Environmental world included; site review in Indonesia for ,D new kraft pulp mill, Environmental audit at an abandoned sawmill site, participation in an air emissions inventory for B.C., Chicken Hatchery waste disposal study, consulting for plastic wastes recycling.

Wardrop Engineering Inc.

77 Main Street
Winnipeg, Manitoba
Canada
R3C 3H1
Tel: (204) 956-0980
Fax: (204) 957-5389
J.S. Paulsen
Vice President

Wardrop Engineering Inc. is a multidisciplinary Canadian engineering firm which was founded in 1955 and is owned by

a group of engineers working on a full-time basis in the organization. The Company provides project management and technical services for a wide range of development projects in Canada and internationally. Over 180 personnel with technical expertise in hydrotechnical, civil, mechanical, electrical, structural, environmental, process engineering and computer science are permanently employed to assist clients from project conception to operation. The Company has undertaken numerous projects in the environmental sector mainly in the treatment of industrial waste for the recovery of chemicals, by-products, water and energy.

Wardrop's International Division was started in 1968 and now accounts for 25 percent of the firm's annual business. Most international projects have been water supply projects supported by the Canadian International development Agency and the World Bank in Pakistan, Nigeria and Ghana. The Company is actively pursuing international project in the environmental sector. Wardrop's head office is in Winnipeg and it maintains branch offices in Toronto, Edmonton and Thunder Bay. The International Division is based in Winnipeg, with most of its staff assigned to specific project overseas.

Washburn and Gillis Associates Ltd.

123 York Street
Fredericton, New Brunswick
Canada
E3B 3N6
Tel: (506) 458-1000
Fax: (506) 450-0829
G.F.Gillis
President

Established in 1980, Washburn & Gillis Associates Ltd. is a leading environmental and engineering consulting firm in Atlantic Canada. Offices are located in Fredericton, New Brunswick, and Halifax and Sydney, Nova Scotia. Washburn & Gillis Associates Ltd. provides services in the following major areas: environmental planning and impact assessment; waste management; contaminant hydrogeology; water resources; fisheries; aquaculture; and municipal planning and engineering. The Company's 45 person staff includes engineers, biologists, and environmental specialists. Washburn & Gillis Associates Ltd. provides services to clients in eastern Canada, the northeastern United States, and overseas. Overseas projects have been conducted in the Caribbean, South America, Southeast Asia, and the Middle East. The firm is interested in expanding its international work and retains on a full-time basis an international marketing consultant. Washburn & Gillis Associates Ltd. has extensive contacts with development agencies and banks including the Canadian International Development Agency, the World Bank, the Inter-American Development Bank, and the Asian Development Bank.

Waste Stream Management

1315 Pembina Highway
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Canada
R3T 553
Tel: (204) 488-4996
Fax: (204) 786-2834
Michael Van Walleghem
President

Waste Stream Management is a duly licensed division of Innovan Corporation (incorporated 1985). The divisions mandate is to provide environmental products and services to its clients and prospective clients in a cost effective manner.

Wast Stream Management provides consumer oriented products, industrial, commercial and institutional (I.C.I.) products, consulting services and installation and repair services in the environmental sectors.

Consumer products include Canadian made, recovered-content cedar compost bins, recycled-content plastic recycling bins, recovered-content metal can crushers and reclaimed-reusable work gloves. The I.C.I. products include Canadian made chemical storage containers, waste compactors and material handling equipment. Consulting services include solid waste audits, centralized composting implementation, recyclable product brokerage and recycling depot implementation.

Installation and repair services provide clients with an all encompassing package for complete analysis, recommendation and implementation services. Waste Stream Management is available on contract basis to oversee projects for planning through to completion.

Wastewater Technology Centre (WTC)

867 Lakeshore Road
Box 5068
Burlington, Ontario
Canada
L7R 4L7
Tel: (416) 336-4855
Fax: (416) 336-4765
John Neate
Chief Operating Officer

Established in 1972 by Environment Canada as a research and development Canadian facility in the development and evaluation of treatment and disposal technology for municipal and industrial waste waters and associated residues. It also fulfils a prominent role in international trade and scientific negotiations that focus of these areas of technology development. Current investigations emphasize the development of innovative wastewater treatment and process technologies, waste minimization, the optimization of pollution control systems and the application of site remediation technology.

Operated by RockCliffe Research Management Inc. since July 1, 1991, the WTC is in the business of rapidly and effectively developing marketable solutions to environmental problems. Representatives from industry, government and non-governmental organizations who require knowledge and technological solutions are encouraged to contact the WTC to explore opportunities for new partnerships and joint ventures in the development and implementation of effective solutions.

Water Resource Consultant Ltd.

106 Hammond Road
Regina, Saskatchewan
Canada
S4R 3C6
Tel: (306) 949-8288
Fax: (306) 949-8288
R.S. Pent Land
President

Incorporated in 1956, XYZ Construction Products Inc. manufactures patented single-ply rubber roofing systems for industrial plants, airport hangars, municipal and other government buildings, shopping complexes, etc. Marketing is directed primarily towards architects, general contractors, and large property owners. XYZ single-ply roofing offers advantages which include enhanced maintenance-free lifetime, ease of installation, chemical resistance, colourability, energy efficiency, flame resistance, lightweight construction, and ease of repair.

Export sales total approximately $ 7 million (90% to the U.S.). With 36 U.S. agents reporting to sales offices in New York and Tennessee, XYZ's U.S. marketing structure is well developed. A growth rate of close to 100% per annum is forecast for this market over the next five years. Major U.S. clients have included ABC Corporation, U.S. defence installations and large U.S. companies such as XXXX and XXXX.WCI,

Wood Conversion Inc.

69 Eastern Avenue
Brampton, Ontario
Canada
L6W 1X9
Tel: (416) 450-5515
Fax: (416) 450-5660
Marie-Claude Boucher

In co-operation with the Regional Municipality of Peel and the Ontario Ministry of the Environment, WCI has established a Waste Wood Processing and recycling Centre in Brampton, Ontario. Incorporated in June of 1989, the centre is achieving 95% diversion of waste wood from landfill.

To maintain and sustain long-term viability, WCI has established a research and development program to develop markets for waste wood and to design and engineer innovative process equipment.

WCI is currently evaluating the export market. The global market is an expanding market with a growth rate of close to 100% per annum forecasted over the next five years.

WCI is selling complete "TURN-KEY" systems which offers a full-service approval to waste management systems, ensuring safe and reliable waste disposal.

Western Oilfield Environmental Services

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Calgary, Alberta
Canada
T2P 0S2
Tel: (403) 266-3286
Fax: (403) 262-3430
Kelly Scott
President and General Manager

A wholly Canadian owned company, Western Oilfield Environmental Services Ltd. (Western Oilfield) was incorporated in 1977 and operates throughout Canada. With a growing technical and professional staff and a large field support staff, the company offers comprehensive environmental services to the petroleum industry such as environmental planning, environmental auditing, protection planning, impact assessment, lease preparation supervision, fluid management, soil reclamation, environmental inspections and environmental training.

Western Oilfield has provided environmental services on an international basis for Petro-Canada International Assistance Corporation. The work has involved educational presentations and field audits for such

national petroleum companies as Ghana National Petroleum Corporation, Refinadora Costarricense De Petroleo S.A., Instituto Colombiano Del Petroleo, National Oil Corporation of Kenya, Geological Survey of Botswana and Office Militaire National Pour Les Industries Statégiques, Madagascar. Western Oilfield is heaquartered in Calgary, ALberta, the heart of the Canadian oil and gas industry. Field offices are located in Edmonton, Grande Prairie, Medicine Hat, Cold Lake, Alberta and in Estevan,

Saskatchewan. Western Research
1313-44 Avenue N.E.
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Fax: (403) 291-1128
R.A Niven
Sales Manager

Western Research Division of Bow Valley Resource Services Ltd. is internationally recognized for the supply of high quality process monitoring instrumentation and environmental consulting, engineering and testing services to the sour gas processing and sulphur recovery industries. Western Research provides the client with a single source for their environmental engineering, air quality management, and instrumentation requirements. Established in 1965, the company has provided over 700 systems to refineries, gas processing plants, sulphur recovery units, power stations, kraft pulp mills, laboratories and mobile test vans. They have offices in Canada and the U.S., and representative throughout every continent.

Environmental engineering services include site selection, environmental impact assessment, acoustics, process testing and design evaluation, incineration technology, applied research on special problems, laboratory analyses and source emission compliance testing. Air quality management services include meteorological services and monitoring systems ranging from an individual station to complex, integrated multi-station networks that include air quality monitors, meteorological equipment, telemetry and automatic data acquisition systems. The Process Instrumentation group designs and manufactures sulphur specific analyzer systems for process control and emission monitoring applications.

Western Canada Hydraulic Laboratories
1186 Pipeline Rd.
Port Coquitlam, British Columbia
Canada
V3B 4S1
Tel: (604) 464-7277
Fax: (604) 464-9238
Bill Schriek
Managing Director

WCHL was established as a 100% Canadian owned company in 1962 to provide diversified laboratory and consulting services in the civil hydraulic engineering field. The Laboratories have carried out over 300 physical model studies and over 250 consulting and numerical modelling assignment involving most aspects of hydraulic flow. The Laboratories have considerable experience and expertise in modelling of structures related to hydroelectric technology, spillways, energy dissipation, coastal engineering, wave protection, breakwater development, hydraulic structures, pump and pipeline intake design, design and testing of pipe networks including velocity and pressure data acquisition, river sedimentation, current metering including field studies, oil/sand separation technology and oil spill cleanup equipment. Major Canadian clients include H.A. Simon, B.C. Hydro, Manitoba Hydro, Public Works Canada,

Syncrude, Canadian Coast Guard and the Dept. of Fisheries and Oceans. Major U.S. clients include Bechtel Power Corp., Alcan, Arkansas Power and Light and Southern California Edison Co.

Western Star Trucks Inc.

2076 Enterprise Way
Kelowna, British Columbia
Canada
V1Y 6H8
Tel: (604) 860-3319
Fax: (604) 860-1252
Telex: 048-5153
Peter Spytz
Export Sales Co-ordinator

Western Star trucks inc., incorporated in 1981, is a privately-owned designer and manufacturer of customized, premium quality, Class 8, heavy-duty trucks. In 1983, Western Star expanded its operations to include the United States market and a licensing agreement for CKD (complete knock-down) kits with an Australian distributor.

Sales have increased from 700 units per year in 1982 to over 3,000 in 1988.

The Corporate head Office and Manufacturing, Engineering Center are located in Kelowna, British Columbia.

Western Star utilizes modern technology in its long-term and day-to-day product development - computer-aided design and drafting (CADD), finite element analysis, and a variety of highly-advanced testing equipment and procedures.

Western Star occupies a unique position in the North American truck market. Rather than a market share orientation, the company focuses on the market through premium quality and customisation, and by providing extra value and return-on-investment to the end user.

Willowglen Systems Ltd.

4 Manning Close N.E.
Calgary, Alberta
Canada
T2E 7N5
Tel: (403) 272-1800
Fax: (403) 272-2114
Malcolme Milne
Vice President

Willowglen Systems Ltd., established in 1974, has focussed its Supervisory Control And Data Acquisition (SCADA) Systems to many diverse industries. The company designs and manufactures SCADA Remote Terminal Units (RTUs) and Master Communication Controllers (MCCs) and provides software and project management for complete SCADA Systems. Willowglen's standard SCADA Systems. Willowglen's standard SCADA software package was developed for use on the full range of Digital Equipment Corporation (DEC) minicomputers and recently developed for the more advanced workstation computers. Remote supervisory and process control is Willowglen's primary business. Products include a low cost, single board programmable RTU; a CMOS, configurable and programmable RTU; intelligent I/O multiplexors linked by a high speed LAN, Sequence Of Events (SOE) Recorder, state-of-the-art master station, hardware and software, integration, project management, test, and installation services.

Through its offices in Calgary, California, and Singapore, automation systems are supplied to the petroleum industry, water treatment/distribution and wastewater treatment industries, pipeline industry, distribution electrical transmission industries, and the telecommunication industry in the U.S. and Asia.

Wilson Gas Equipment Ltd.

859 Courtland Avenue East
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Kitchener, Ontario
Canada
N2G 4H5
Tel: (519) 743-2751
Fax: (519) 743-1628
Rob Adams
Vice-President

Wilson Gas Equipment is a major manufacturer of refuelling station equipment for Natural Gas for Vehicles. The Company designs and fabricates compressor packages ranging from 20 Hp to 200Hp., as well as natural gas storage and dispensing equipment for a variety of applications. In addition, the Company provides turnkey NGV station design, manufacturing and installation services. The Wilson Gas product line is considered to be a market leader.

Wilson Gas Equipment was started in 1985 to capitalize on a surge of activity in the Ontario Natural Gas for vehicles (NGV) market caused by unstable oil prices. Today, concern for the environment is prompting new interest in cleaner-burning alternative fuels such as natural gas. Wilson Gas Equipment has participated in several high profile projects such as manufacturing, installing and commissioning the largest bus refuelling station in the world for the Toronto Transit Commission. The Company has developed a line of equipment which contains more built-in safety features than any other in the world. Our products have been designed to utilize readily available components to reduce inventory requirements and product design time. Controls have been designed for flexibility.

Wood Waste Solutions Canada Inc.

74 Glen Davis Crescent
Toronto, Ontario
Canada
M4E 1X5
Tel: (416) 744-9663
Fax: (416) 744-0872
Tim McGillion
President

Incorporated in October 1989, Wood Waste Solutions Canada Inc. manufactures two grades of high quality screened wood chip. One product consists of chips ranging in size from 1/4" to 1/2", the second product contains chips ranging from 1/2" to 1/2" in size. The primary markets for the wood chip include nurseries, landscape contractors, farms, composite board manufacturers and facilities which use the product as animal bedding.

Wood Waste Solutions is looking at expansion into export markets in the United States and abroad. Working in conjunction with compressed chip firewood producers, our product would be ideally suited to markets with a shortage of firewood and or fuelwood. Major Canadian clients for our wood chip product include Domtar Canada and Kildeer farms. Wood Waste Solutions sales office is located in Toronto, Ontario.

Zenon Environmental Inc.

845 Harrington Court
Burlington, Ontario
Canada
L7N 3P3
John A. Coburn
President

Zenon is an advanced technology company providing integrated services and products for environmental analysis, process development, water treatment and pollution control. Possessing the capability of offering single source expertise to provide innovative and cost effective solutions for water problems ranging from simple to complex makes Zenon truly unique.

Since its establishment in 1980, Zenon has grown to three companies with capabilities in laboratory analysis, process engineering, research in separation technologies, membrane manufacturing and water and wastewater treatment systems. Zenon Environmental Inc. is responsible for technology development and consists of Zenon Enginering Services, Zenon Membrane Products and the Membrane Research and Development Group. The Engineering Services Group provides process evaluation and design including bench scale work and on-site pilot plants for diffcult-to-treat and complex wastewaters including those containing oils, organic solvents and heavy metals. The Membrane Division develops and produces a wide range of unique membranes and instruments including reverse osmosis, nanofiltration, ultrafiltration and microfiltration for a variety of applications ranging from potable water to non-aqueous solvents. Zenon Environmental Systems Inc. manufactures equipment to treat water and wastewater. Specialized designs include potable water for municipalites, ultrpure water for laboratory, medical and pahrmaceutical use, treatment of effluent from a variety of industries, shipboard desalination units, as well as process control systems and instruments. Zenon Environmental Laboratories Inc. is among the most sophisticated laboratory networks in the world. These laboratories perform complete chemical analyses from pH to dioxins at parts per quadrillion concentrations and biological testing in all environmental matrices.

Zeton Inc.
4129 Harvester Road
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Canada
L7L5M3
Tel: (416) 632-3123
Fax: (416) 632-0391
David Beckman
Vice President

Since 1986, Zeton Inc. has been designing and manufacturing fully automated, modular systems for process research and small scale production. These systems are custom designed to the clients' specifications such as heavy oil processing, polymerization, catalysis, electronic chemicals production, synthetic fuels, and environmental processing. The company uses a modular design technique to build custom pilot plants which are composed of a number of standard, proven modules. The plants are skid mounted and range in control sophistication from manual to fully automated microcomputer based with data acquisition. Pilot plants built for environmental applications include a Pervaporation Pilot Plant and several Membrane Test Units Zeton offers a complete turnkey service including engineering design, procurement, manufacturing, testing and debugging, customer training, installation, complete documentation, and field service. The company's clients include research and development companies and organizations, chemical and petroleum companies and environmental consultants. Zeton currently exports to western Europe, the United States and S. America.

Zimmark Inc.
4380 South Service Road
Burlington, Ontario
Canada
L7L 5Y6
Tel: (416) 632-5410
Fax: (416) 632-5171
Lowell A. Wilson
President

Zimmark has installed systems in every major rail yard in Canada and in rail yards in the U.S. and the Far East. Transit companies, marine/naval shipping, and countries producing electric power with diesel generators are considering the system. Significant cost savings are realized and toxic waste volumes are reduced. The recycling process recovers 90 percent of used lube oil for continued use and involves laundering the oil with the help of a chemical coagulant, heat and time. Dirt and metal contaminants are removed, then the recycled oil is blended with new oil at a ratio of one to four. The process retains additives that are still active. Zimmark will install, operate and manage the system, working closely with shop management personnel. The system produces detailed analysis and quality assurance reports.